

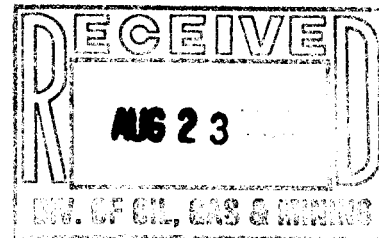


**Coastal**  
The Energy People

August 22, 1994

Utah Division of Oil, Gas, and Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Frank Matthews



Frank:

Enclosed are three copies of the Application for Permit to Drill for the NBU #221X, which replaces the NBU #221.

Please forward the approved copies to:

Coastal Oil and Gas Corp.  
P.O.Box 749  
Denver, CO 80201-0749.

Thank you for your assistance.

Sincerely,

Bonnie Johnston  
Environmental Coordinator

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				5. Lease Designation and Serial No. U-01194-A-ST	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>				6. If Indian, Allottee or Tribe Name Ute Tribe	
				7. Unit Agreement Name Natural Buttes	
2. Name of Operator (303) 573-4476 600 17th St., Suite 800S Coastal Oil and Gas Corporation Denver, CO 80201-0749				3. Farm or Lease Name NBU	
3. Address of Operator (303) 452-8888 13585 Jackson Drive Permitco Inc. - Agent Denver, CO 80241				9. Well No. 221X	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 654' FNL and 646' FWL At proposed prod. zone NW NW Sec.34, T9S-R21E				10. Field and Pool, or Wildcat Natural Buttes	
14. Distance in miles and direction from nearest town or post office* 15.1 miles southeast of Ouray, UT				11. 00, Sec., T., R., N., or S., and Survey or Area Sec.34, T9S-R21E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any) 660'		16. No. of acres in lease 1292.4		17. No. of acres assigned to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. Approx. 2500'		19. Proposed depth 9700'		20. Rotary or cable tools Rotary	
21. Elevations (Show whether DF, RT, GR, etc.) 4983' GR				22. Approx. date work will start* Upon approval of this application	
23. PROPOSED CASING AND CEMENTING PROGRAM					
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement	
12 1/4"	9-5/8"	24#	250'	155cf or suff. to circ. to su	
8-3/4"	7"	26#	7500'	1775 cf or suff. to circ. to su	
6-1/8"	5"	15#	9700'		

Coastal Oil and Gas Corp. proposes to drill a well to test the Wasatch and Mesa Verde formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See Drilling Plan attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil and Gas Corp. under their Nationwide Bond #CO-0018.

AUG 23

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Ernie Johnston

Title: Environmental Coordinator

Date: 8/22/94

(This space for Federal or State office use)

API NO.

43-047-32545

Approval Date

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by: \_\_\_\_\_  
Conditions of approval, if any:

Title

DATE: \_\_\_\_\_

Date

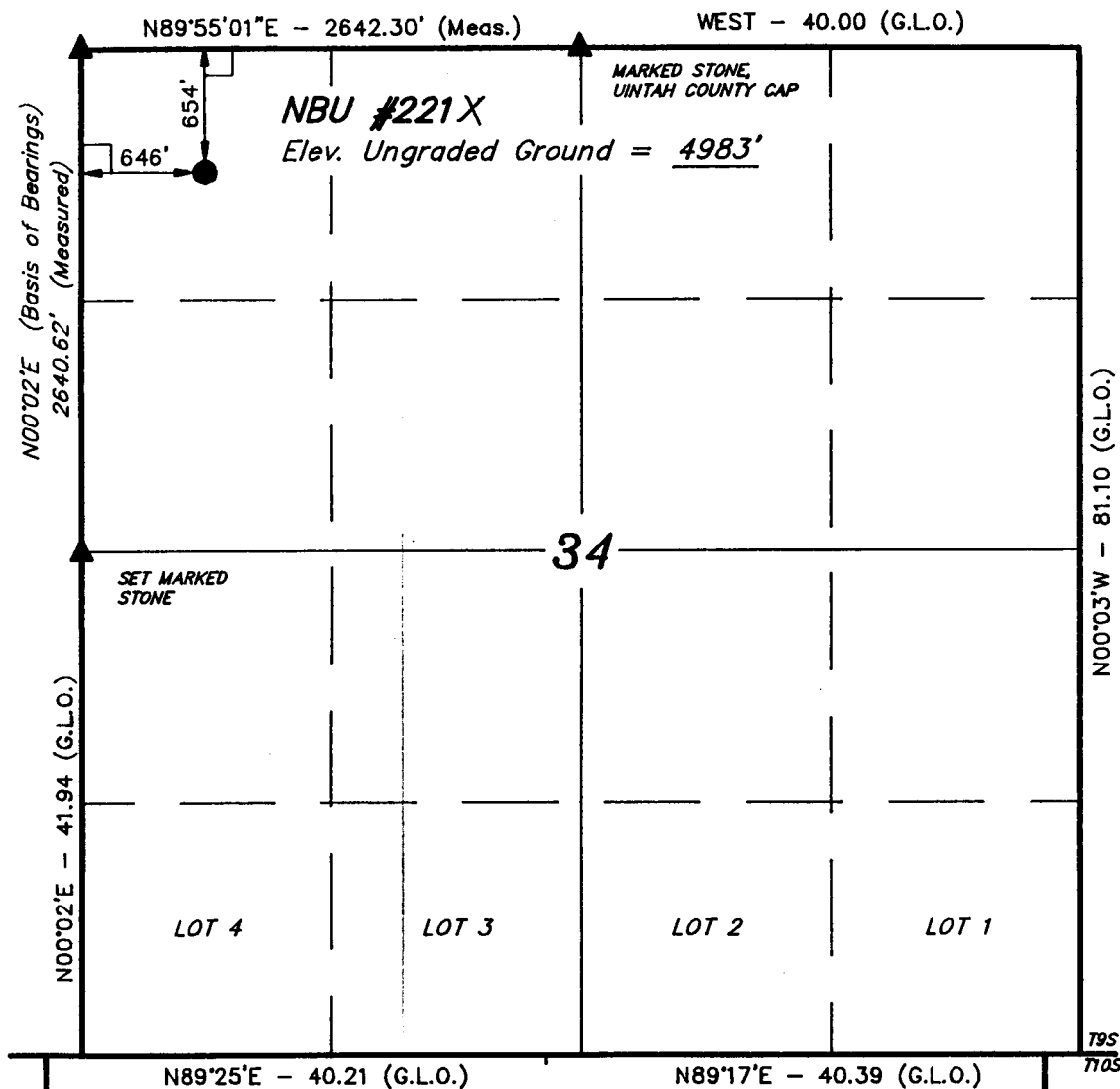
BY: \_\_\_\_\_

WELL SPACING: \_\_\_\_\_

\*See Instructions On Reverse Side

SET MARKED STONE,  
UINTAH COUNTY CAP

**T9S, R21E, S.L.B.&M.**



**LEGEND:**

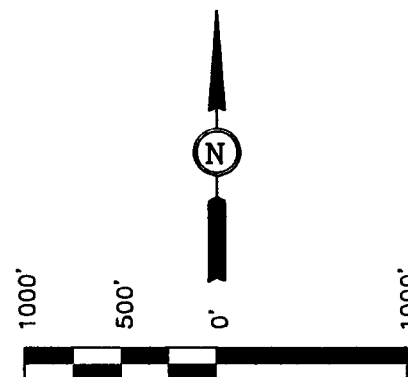
- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**COASTAL OIL & GAS CORP.**

Well Location, NBU #221, located as shown in the NW 1/4 NW 1/4 of Section 34, T9S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS, MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 8-4-94 J.R.S.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-14-94	DATE DRAWN: 3-16-94
PARTY J.F. D.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

The proposed wellsite is located on State Surface/State Minerals.

All upgrading of rehabed roads and new road construction is located on state lands.

An onsite inspection for the above mentioned location and access road was conducted on Friday, March 18, 1994 at 8:30 a.m. Weather conditions were cool and sunny.

Present at the onsite inspection were the following individuals:

Dave Hackford	Utah Division of Oil, Gas & Mining
Paul Breshears	Coastal Oil & Gas Corp.
Robert Kay	Uintah Engineering & Land Surveying
Lisa Smith	Permitco Inc.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Wasatch	4790'
Mesa Verde	7700'
T.D.	9700'

2. Casing Program

The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>
Surface	0-250'	12-1/4"	9-5/8"	24#	K-55
Produc.	0-7500'	8-3/4"	7"	26#	S-95
Liner	7200'-9700'	6-1/8"	5"	15#	-80

Casing design subject to revision based on geologic conditions encountered.

3. Cement Program

The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-250'	± 155 cubic feet of Class "G" w/2% CaCl <sub>2</sub> & 1/4#/sk floeal. Cement volume = Annular Volume X 1.5).



Permitco Incorporated  
A Petroleum Permitting Company

Application for Permit to Drill  
Coastal Oil & Gas Corp.  
NBU #221  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

Lease No. State U-01194-A-ST

**DRILLING PROGRAM**

Page 2

**Production**  
250' - 5000'

5000' - 7500'

7500' - 9700'

**Type and Amount**

**Lead:**        cubic feet of Premium High-Fill w/1#/sk granulite TR, 0.3% HR-7 & 1#/sk floseal.

**Tail:**    450    cubic feet Type V HLC w/6% gel, 1% EX-1, 10#/sk Gilsonite, 3% salt, 1/4#/sk Flocele  
200 cubic feet Premium 50/50 Pozmix w/10% salt, 2% gel, 0.4% Halad-40, 0.4% CFR-3, 1#/sk granulite TR, 0.5#/sk floseal

**4.    Drilling Fluids**

The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>PH</u>
0- 9700'	Aerated Wtr.	---	--	--	--

**5.    Testing, Logging and Coring**

The anticipated type and amount of testing, logging and coring are as follows:

- a.     Drill stem tests will be run as warranted after log evaluation. (Straddle test).
- b.     The logging program will consist of a GR and DLL from T.D. to base of surface casing. An FDC-CNL will be run from T.D. to 1300'.
- c.     No Cores are anticipated. Rotary sidewall cores if warranted.

**6.    Spud Date/Drilling Time**

- a.     Drilling is planned to commence immediately upon approval of this application.

Application for Permit to Drill  
Coastal Oil & Gas Corp.  
NBU #221  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

Lease No. State U-01194-A-ST

DRILLING PROGRAM  
Page 3

- b. It is anticipated that the drilling of this well will take approximately 8-10 days.

7. Road Use/Water Source

- a. All existing roads are located on Tribal or BLM lands and are currently covered under existing right of ways. Approximately 0.4 miles of rehabed road will be upgraded. An additional 400' of access will be new construction.
- c. All water needed for drilling purposes will be obtained from the Uintah #1 Water Well, Section 15, T10S - R21E which is operated by Target Trucking, Vernal, Utah. Water Permit No. 49-111.

8. BOP Requirements

Coastal's minimum specifications for pressure control equipment are as follows:  
Ram Type: Hydraulic double w/Hydril, 2000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Application for Permit to Drill  
Coastal Oil & Gas Corp.  
NBU #221  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

Lease No. State U-01194-A-ST

**DRILLING PROGRAM**  
Page 4

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

9. Anticipated Pressures

- a. The maximum anticipated bottom hole pressure equals approximately 2540 psi (calculated at 0.40 psi/foot) and maximum anticipated surface pressure equals approximately 1397 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.

10. Reserve Pit

At the request of the Utah Division of Oil, Gas & Mining, the reserve pit will be lined with a plastic liner of at least 10 mil.

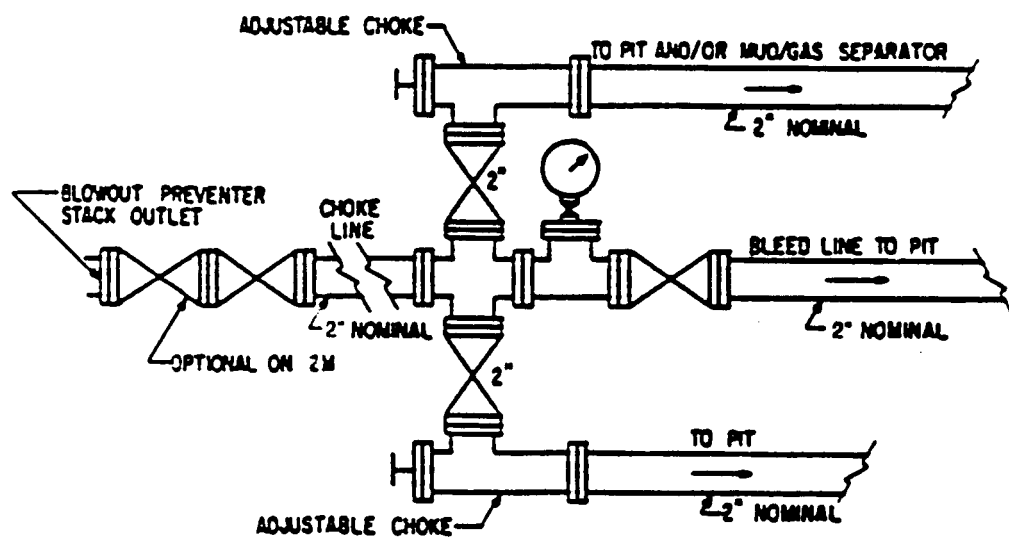
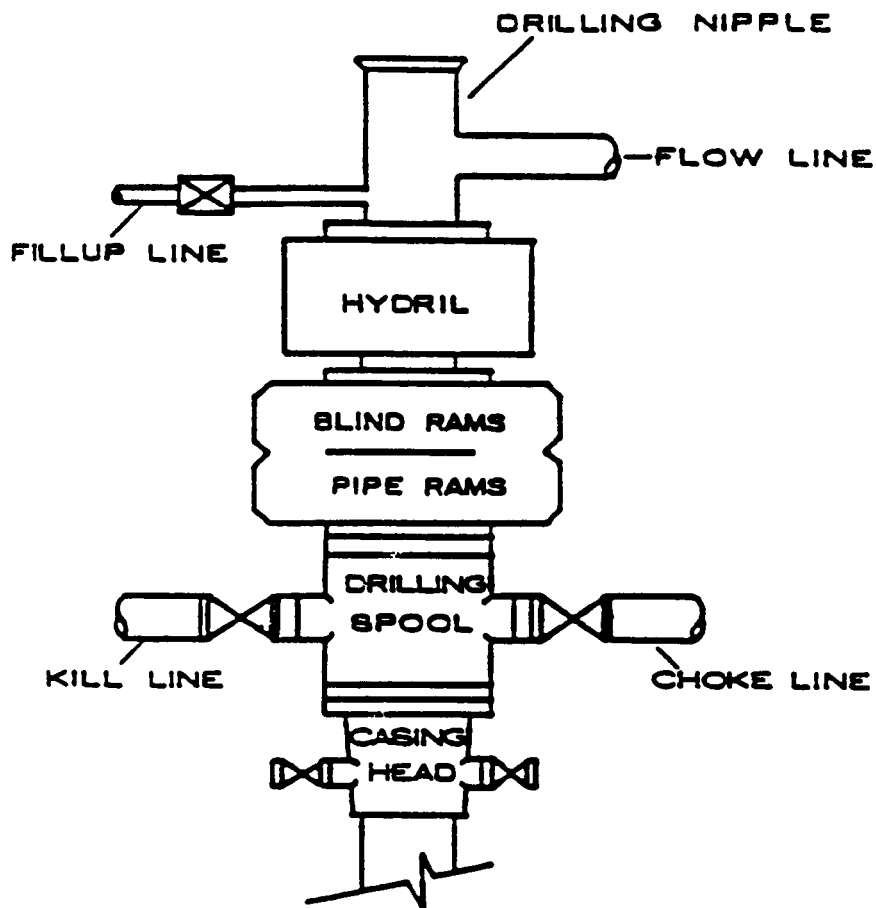
11. Archeological Report

A Class III Archeological Study was conducted by Metcalf Archeological Consultants. No significant cultural resources were found and clearance has been recommended. A copy of the report is attached.

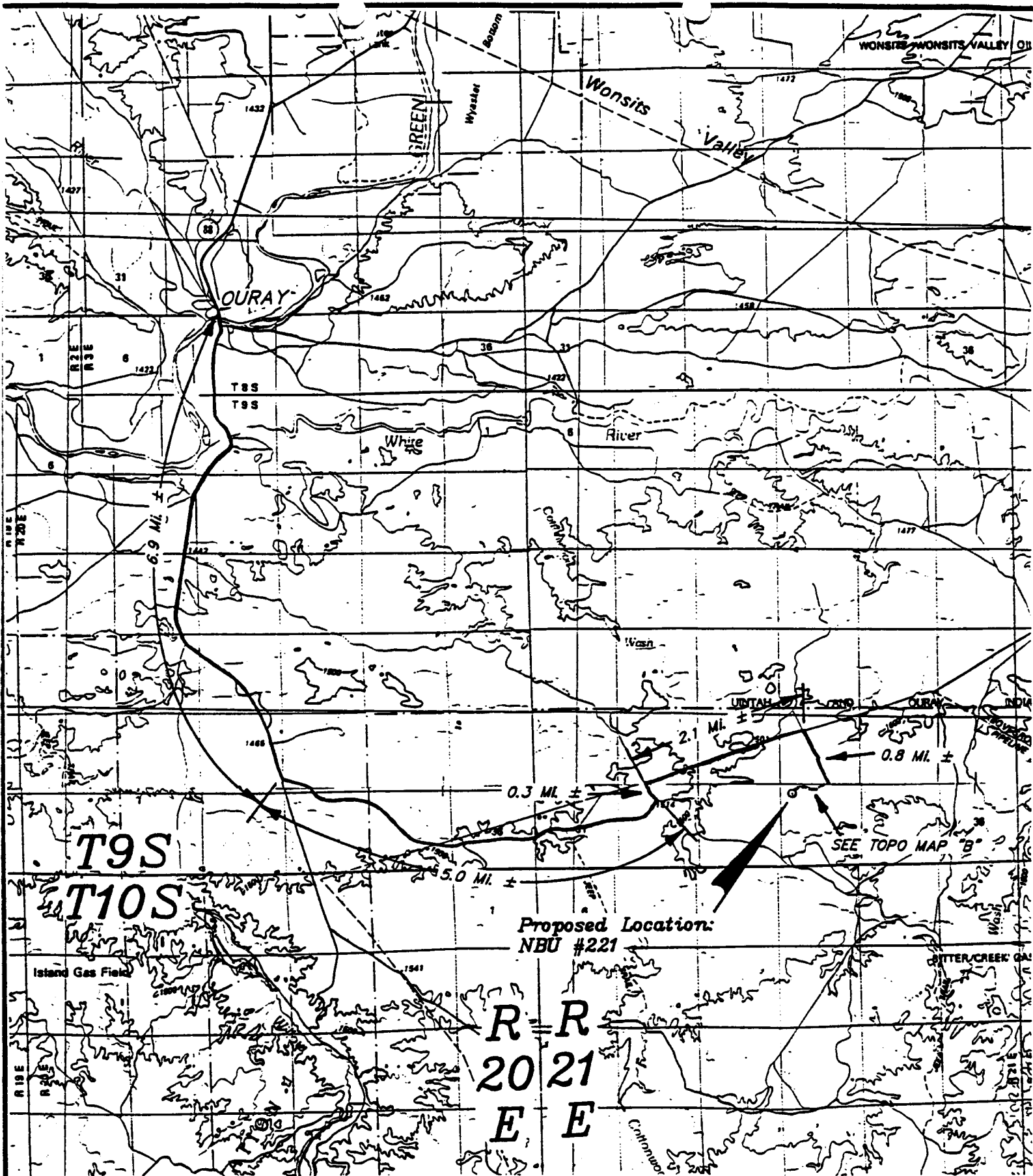


# BOP STACK

2,000 PSI



2,000 PSI CHOKER MANIFOLD



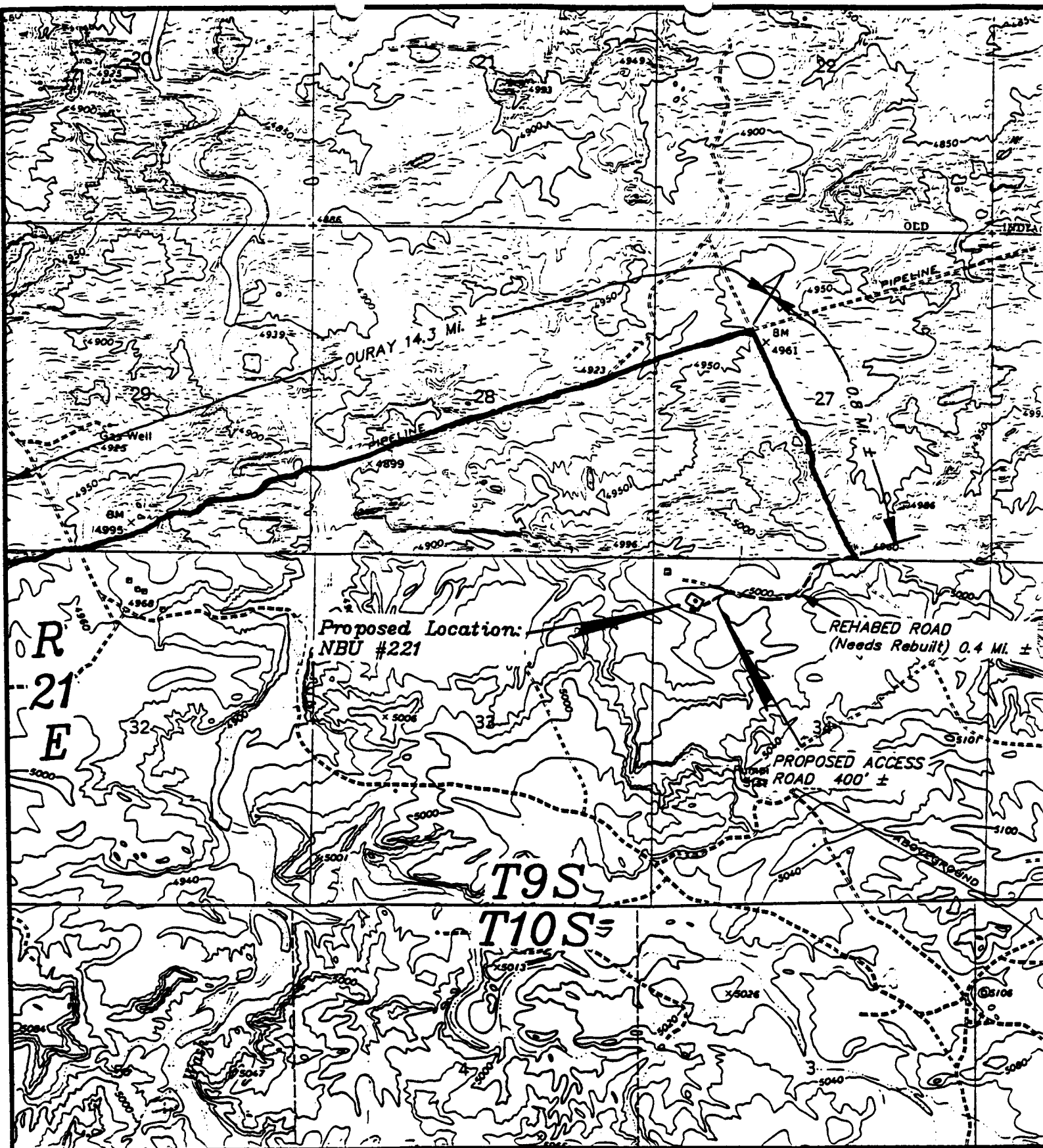
TOPOGRAPHIC  
MAP "A"

DATE: 3-17-94 D.R.B.



COASTAL OIL & GAS CORP.

NBU #221  
SECTION 34, T9S, R21E, S.L.B. & M.  
660' FNL 660' FWL



TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE: 3-16-94 C.B.T.

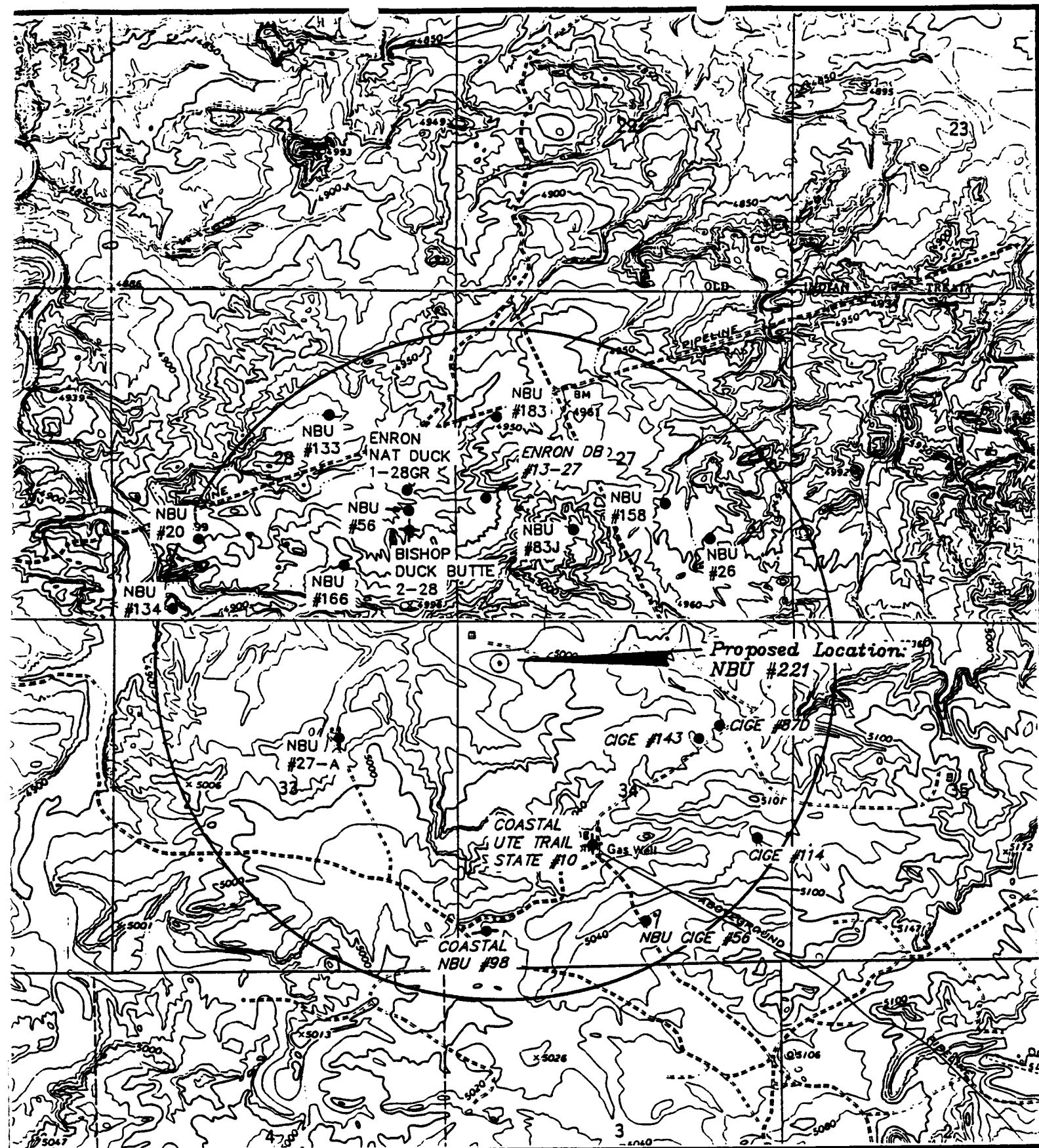


COASTAL OIL & GAS CORP.

NBU #221

SECTION 34, T9S, R21E, S.L.B.&M.

660' FNL 660' FWL



# **LEGEND:**

- ◊ = Water Wells
- ◆ = Abandoned Wells
- ◐ = Temporarily Abandoned Wells
- ◑ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◐ = Shut-in Wells



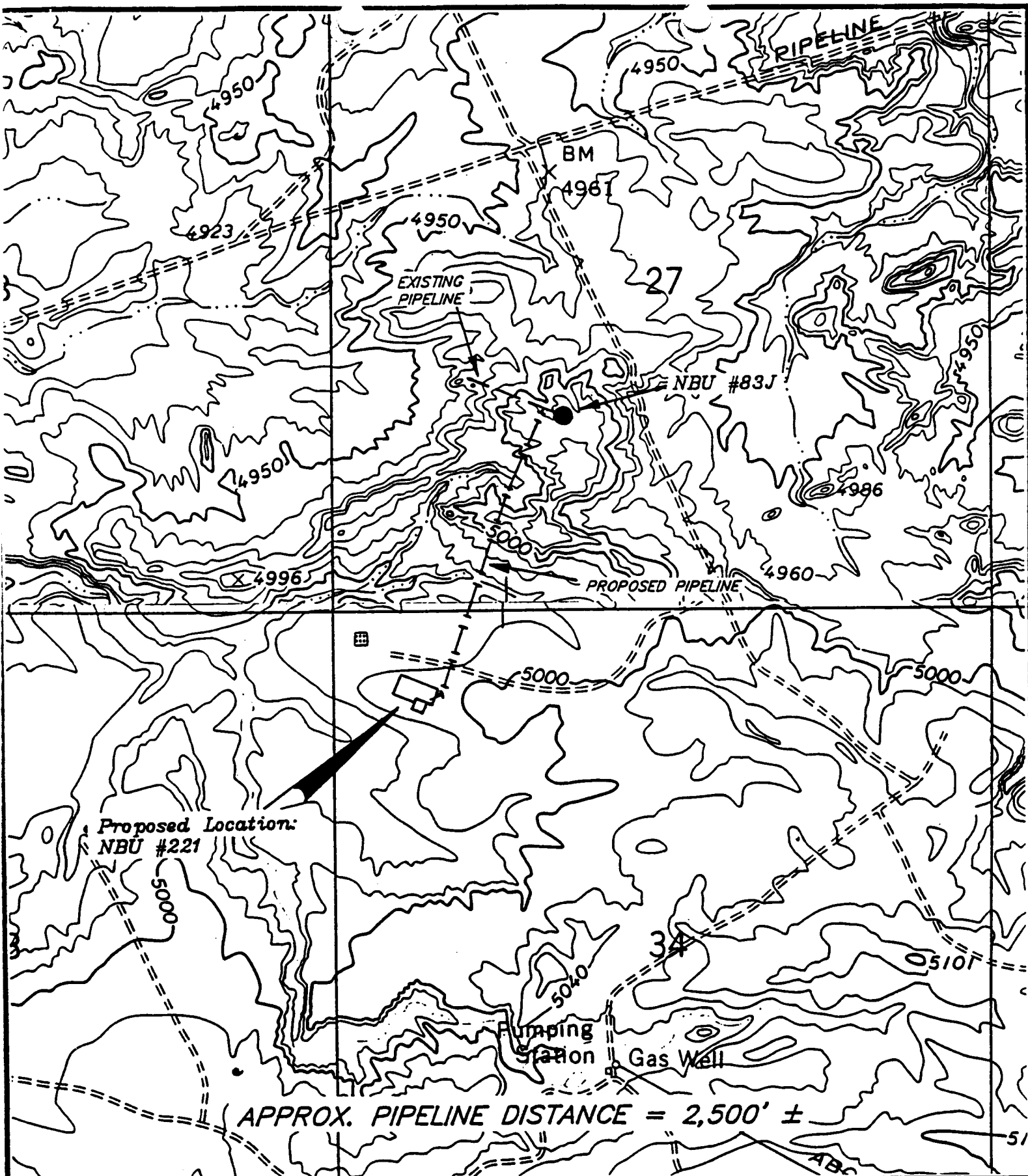
## **COASTAL OIL & GAS CORP.**

NBU #221

SECTION 34, T9S, R21E, S.L.B. & M.  
660' FNL 660' FWL

**T O P O M A P " C "**

DATE: 3-17-94 D.R.B.



TOPOGRAPHIC  
MAP "D"

LEGEND

- EXISTING PIPELINE  
----- Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
NBU #221

SECTION 34, T9S, R21E, S.L.B. & M.

DATE: 3-17-94 D.R.B.

# COASTAL OIL & GAS CORP.

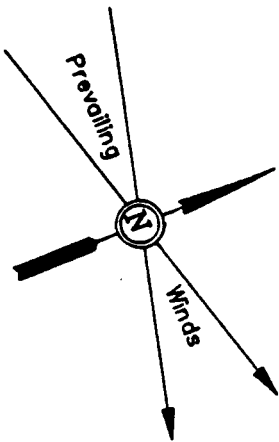
## LOCATION LAYOUT FOR

NBU #221

SECTION 34, T9S, R21E, S.L.B.&M.

660' FNL 660' FWL

*D. Kay*



SCALE: 1" = 50'  
DATE: 3-16-94  
Drawn By: J.R.S.

F-0.5'  
El. 81.9'

F-1.4'  
El. 81.0'

F-4.1'  
El. 78.3'

Sta. 3+25

Approx.  
Toe of  
Fill Slope

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.

El. 86.2'  
C-13.8'  
(btm. pit)

Approx.  
Top of  
Cut Slope

El. 86.2'  
C-13.8'  
(btm. pit)

Reserve Pit  
Backfill &  
Spoils Stockpile

El. 86.7'  
C-4.3'

C-5.5'  
El. 87.9'

C-5.3'  
El. 87.7'

C-2.6'  
El. 85.0'

Sta. 0+00

### NOTES:

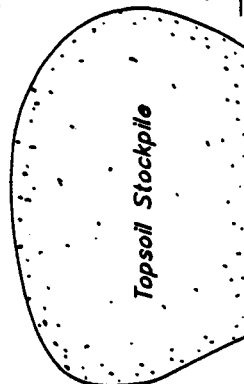
Elev. Ungraded Ground At Loc. Stake = 4982.9'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4982.4'

Proposed Access  
Road

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
86 South 200 East Pernal, Utah

Reserve Pit  
Backfill &  
Spoils Stockpile



FLARE PIT

C-2.4'  
El. 84.8'

C-1.9'  
El. 84.3'

C-0.5'  
El. 82.9'

RESERVE PITS  
(10' Deep)

Pit Capacity With  
2' of Freeboard  
is ±9,650 Bbls.

Sta. 0+65

PIPE TUBS

CATWALK

PIPE RACKS

RIG

MUD TANKS

MUD TANKS

PUMP HOUSE

TRASH

PROPANE  
STORAGE

LIGHT PLANT

BOILER

COMPRESSOR

BOOSTER

TOILET

TRAILER

WATER  
TANK

F-0.5'  
El. 81.9'

Sta. 1+50

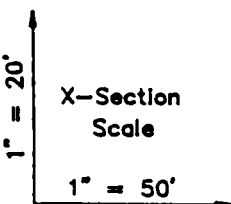
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

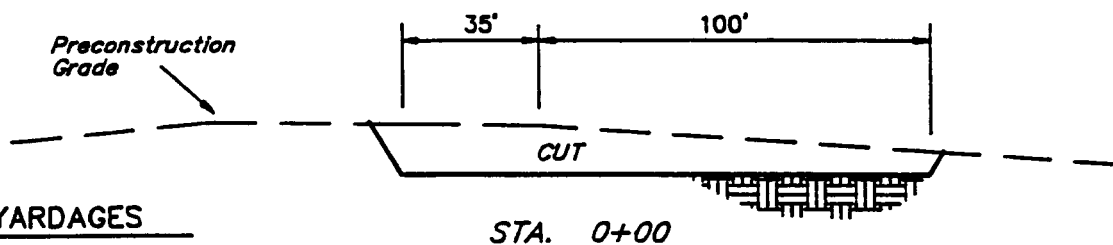
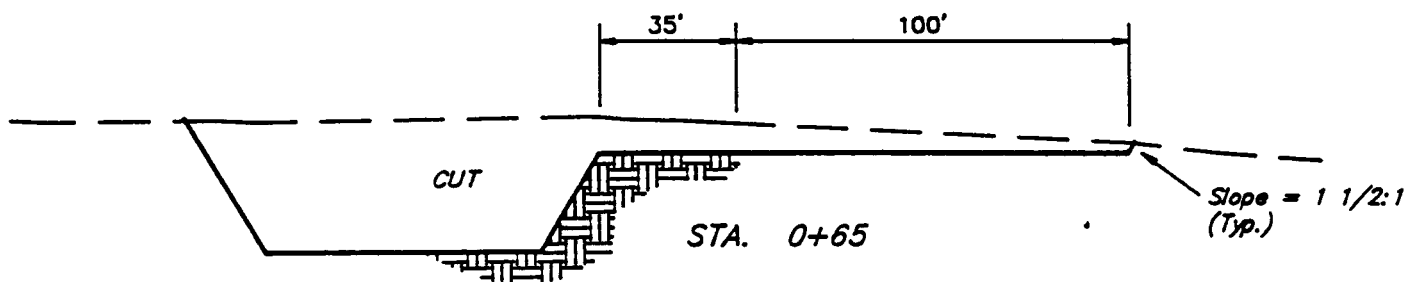
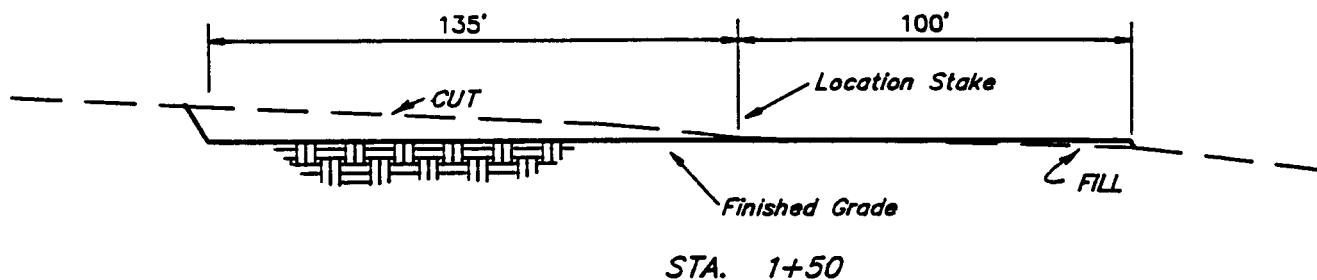
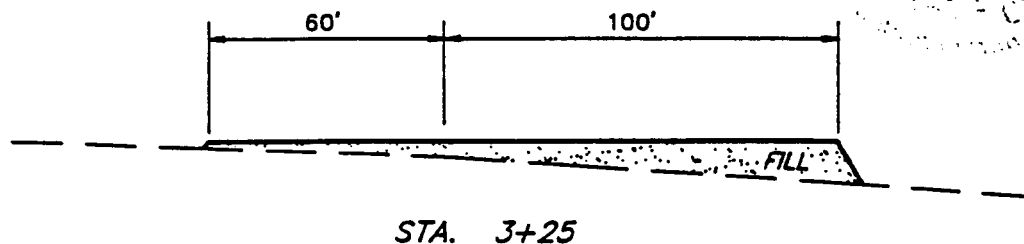
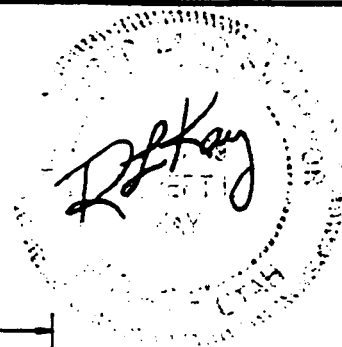
NBU #221

SECTION 34, T9S, R21E, S.L.B.&M.

660' FNL 660' FWL



DATE: 3-16-94  
Drawn By: J.R.S.



### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 1,080 Cu. Yds.  
Remaining Location = 5,420 Cu. Yds.  
TOTAL CUT = 6,500 CU.YDS.  
FILL = 1,440 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 4,980 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 2,430 Cu. Yds.  
EXCESS UNBALANCE  
(After Rehabilitation) = 2,550 Cu. Yds.

FIGURE #2



**M A C**

**Metcalf Archaeological Consultants, Inc.**

---

March 18, 1994

Mr. Joseph J. Adamski  
Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory report for the proposed well pad and pipeline location for NBU #221X. No cultural resources were located during the inventory. Cultural resource clearance is recommended for the project.

Thank you for the opportunity to perform this work. If you have any questions or concerns please do not hesitate to contact our office.

Sincerely,

Dulaney Barclay  
Staff Archaeologist

cc: State Historic Preservation Office, Salt Lake City  
Lisa Smith, Permitco

enclosure





Class III Cultural Resource Inventory of Coastal Oil  
and Gas Corporation's Proposed NBU 221 Well Pad,  
Access Road, and Pipeline  
Uintah County, Utah

by  
Patrick O'Brien  
and  
Dulaney V. Barclay

Michael D. Metcalf  
Principal Investigator

prepared for  
Coastal Oil and Gas Corporation  
Nine Greenway Plaza, Suite 474  
Houston, TX 77046

prepared by  
Metcalf Archaeological Consultants, Inc.  
P. O. Box 899  
Eagle, CO 81631

Project Number U-94-MM-116(s)

March, 1994

## Introduction

Metcalfe Archaeological Consultants, Inc. (MAC) performed a Class III cultural resource survey of Coastal Oil & Gas Corporation's proposed NBU #221 well pad, access road location, and pipeline in the NW/4 section 34 and SW/4 section 27, T9S, R21E, Uinta County, Utah (Figure 1). The entire project area is located on lands administered by the State of Utah. The well pad is to be constructed 660 feet FNL and 660 feet FWL of section 34 at the flagged location. Access will follow a reclaimed road from an existing road in the SW/SW/SE of section 27, T9S, R21E, running generally south and west to the proposed pad location. A pipeline approximately 2200 feet in length is to be constructed heading north/northeast from the northeast corner of the well pad and connecting with an existing above ground pipeline in the SW/NE/SW of section 27, T.9S, R21E, heading northwest from NBU #83J. A 10 acre block centered on the proposed drill location was surveyed for the pad. A 100 foot-wide corridor was covered for the approximately 1.0 mile of access and pipeline corridor. In all, 21 acres were inventoried.

Because the access will follow the corridor of a reclaimed road, survey covered disturbed land. The corridor was surveyed anyway because it was not known if the old road had been surveyed, or if so, when it was surveyed. Fieldwork was done on March 14, 1994 under the supervision of Anne McKibbin. Survey was done by MAC archaeologist Patrick O'Brien. The pipeline was surveyed on March 17, 1994 by MAC archaeologist Dulaney Barclay. All field notes, maps, and pertinent information are on file in the MAC office in Eagle.

## Files Search

A files search was requested on March 15, 1994 from the Utah Division of State History in Salt Lake City. Two previous projects were discovered in the vicinity of the current study area. Brigham Young University performed a Class III inventory of south and east of proposed NBU 221 in sections 34 and 35. No sites were recorded. The second project was done by the Grand River Institute. They discovered one site (42UN1897) located 0.25 miles west/northwest of the proposed pipeline corridor. In addition to these two cultural resource inventories, paleontological studies in the general vicinity have reported vertebrate fossil remains.

## Environment

The project area is on a broad, gentle, northwest-facing slope in a rolling upland in the Uinta Basin geographic unit. Numerous small, dry drainages cut through the area. To the north and east there are remnant buttes and ridges with large, tan sandstone outcrops. A few hundred meters east of the proposed well pad location there is a small sandstone nipple on top of a small hill. South of the pad the terrain drops off into a drainage. Here there is a large open expanse of bare sandstone. The High Uinta Mountains can be seen to the north-northwest of the project area. Soils in the project area range from sandy, gravelly loams to aeolian sand. Vegetation includes tall sage, greasewood, rabbitbrush, shadscale, grasses, and prickly pear. Sage and greasewood are absent in the disturbed road corridor.

## Field Methods

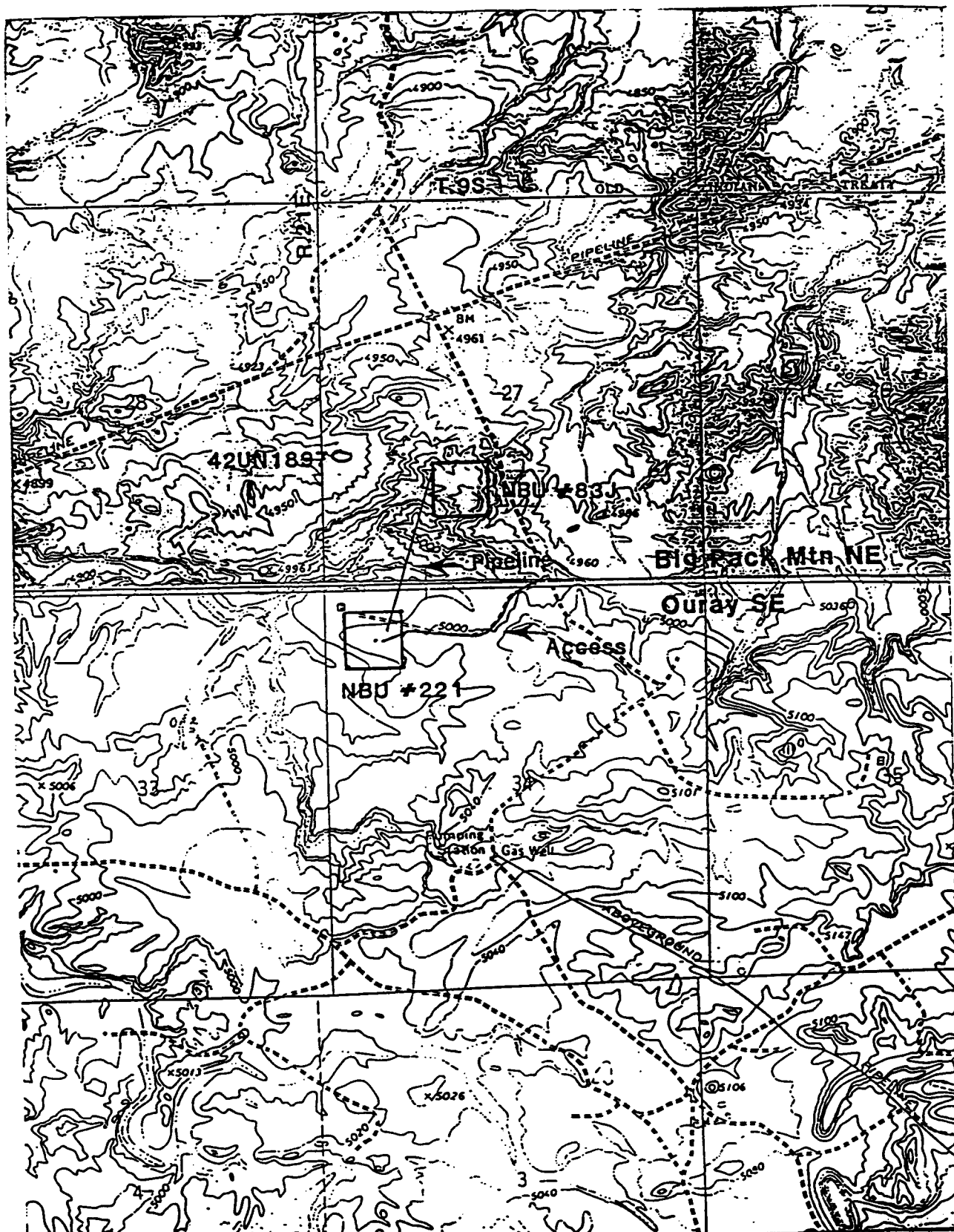


Figure 1 Topographic map showing proposed NBU #221 well location (Big Pack Mtn, NE and Ouray SE USGS 7.5' quads., Uintah County, Utah).

The pad area was surveyed by walking parallel transects spaced no more than 15 meters apart in a 10 acre block centered on the proposed drill location. The disturbed access corridor was approximately 100 feet wide and was covered by walking one zig-zag transect. The pipeline corridor was surveyed by walking zig-zag transects covering 15m (50') on each side of the staked centerline. Visibility was generally 50-80%, but was better in the partially denuded access corridor. Areas of subsurface exposure (ant hills, rodent backdirt) were given special attention, as they provided some indication of the potential for buried materials.

### Results

No cultural resources were discovered during inventory of Coastal Oil and Gas Corporation's proposed NBU #221 well pad, access road, and pipeline locations.

### Recommendations

Cultural resource clearance is recommended for the proposed well pad, access, and pipeline locations of NBU #221X.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>			5. Lease Designation and Serial No. U-01194-A-ST	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name Ute Tribe	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name Natural Buttes	
2. Name of Operator (303) 573-4476      600 17th St., Suite 800S Coastal Oil and Gas Corporation      Denver, CO 80201-0749			8. Farm or Lease Name NBU	
3. Address of Operator (303) 452-8888      13585 Jackson Drive Permitco Inc. - Agent      Denver, CO 80241			9. Well No. 221X	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface      654' FNL and 646' FWL At proposed prod. zone      NW NW Sec.34, T9S-R21E			10. Field and Pool, or Wildcat Natural Buttes	
14. Distance in miles and direction from nearest town or post office* 15.1 miles southeast of Ouray, UT			11. 00, Sec., T., R., N., or S.W. and Survey or Area Sec.34, T9S-R21E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 660'		16. No. of acres in lease 1292.4		17. No. of acres assigned to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. Approx. 2500'		19. Proposed depth 9700'		20. Rotary or cable tools Rotary
21. Elevations (Show whether DF, RT, GR, etc.) 4983' GR			22. Approx. date work will start* Upon approval of this application	
<b>23. PROPOSED CASING AND CEMENTING PROGRAM</b>				
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9-5/8"	24#	250'	155cf or suff. to circ. to su
8-3/4"	7"	26#	7500'	1775 cf or suff. to circ. to su
6-1/8"	5"	15#	9700'	

Coastal Oil and Gas Corp. proposes to drill a well to test the Wasatch and Mesa Verde formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See Drilling Plan attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil and Gas Corp. under their Nationwide Bond #CO-0018.

**AUG 23**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Ernie Johnston Title: Environmental Coordinator Date: 8/22/94

(This space for Federal or State office use)

API NO. 43-047-32545

Approval Date

APPROVED BY THE STATE

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by: \_\_\_\_\_

Title: \_\_\_\_\_

Conditions of approval, if any:

DATE: 8/24/94

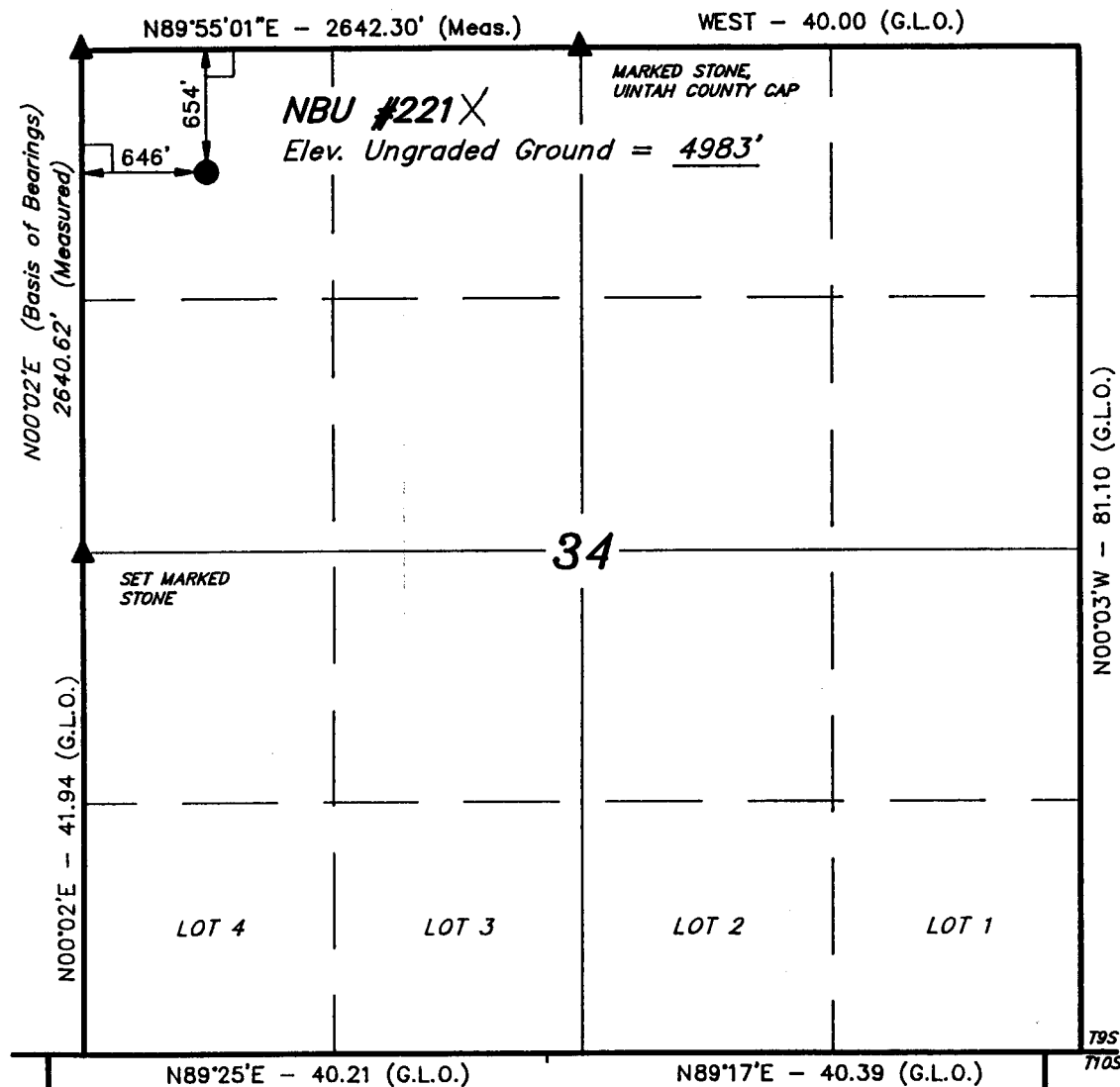
BY: MTT

WELL SPACING 649-2-3

\*See Instructions On Reverse Side

SET MARKED STONE,  
UINTAH COUNTY CAP

**T9S, R21E, S.L.B.&M.**

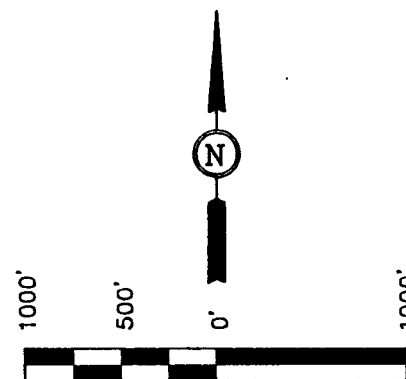


## COASTAL OIL & GAS CORP.

Well Location, NBU #221, located as shown in the NW 1/4 NW 1/4 of Section 34, T9S, R21E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



SCALE

### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 8-4-94 J.R.S.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-14-94	DATE DRAWN: 3-16-94
PARTY J.F. D.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/23/94

API NO. ASSIGNED: 43-047-32545

WELL NAME: NBU #221X  
OPERATOR: COASTAL OIL & GAS CORP. (NO230)

PROPOSED LOCATION:

NWNW 34 - T09S - R21E  
SURFACE: 0654-FNL-0646-FWL  
BOTTOM: 0654-FNL-0646-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA  
LEASE NUMBER: U-01194-A-ST

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering	JMM	8/23/94
Geology	D/Govrie	
Surface	D. Hackford	3/94

PROPOSED PRODUCING FORMATION: WSMVD

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal[] State ☒ Fee[]  
(Number CO-0018)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number 49-111)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

☒ R649-2-3. Unit: UTU 63047X  
\_\_\_\_ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS:

8/24/94. Verbal approval to spnd. pit lined.

STIPULATIONS:

1. The reserve pit shall be constructed so as to prevent leakage or allow for fluid discharge and be lined with a 12 mil synthetic liner.

CONFIDENTIAL  
PERIOD  
EXPIRED  
12-24-95

# STATE OF UTAH

Operator: COASTAL OIL & GAS CORP   Well Name: NBU #221X	
Project ID: 43-047-32499	Location: SEC. 34 - T09S - R21E

## Design Parameters:

Mud weight ( 8.50 ppg) : 0.442 psi/ft  
 Shut in surface pressure : 2794 psi  
 Internal gradient (burst) : 0.069 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

## Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	7,500	7.000	26.00	S-95	LT&C	7,500	6.151		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3312	7800	2.355	3312	8600	2.60	169.66	602	3.55 J

Prepared by : FRM, Salt Lake City, UT  
 Date : 08-22-1994  
 Remarks :

CHG. IN DEPTH TO 9700'

WASAATCH-MESA VERDE

Minimum segment length for the 7,500 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 112°F (Surface 74°F , BHT 149°F & temp. gradient 1.000°/100 ft.)

The mud gradient and bottom hole pressures (for burst) are 0.442 psi/ft and 3,312 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.06)



# STATE OF UTAH

<b>Operator: COASTAL OIL &amp; GAS CORP</b>	<b>Well Name: NBU #221</b>
<b>Project ID: 43-047-32499</b>	<b>Location: SEC. 34 - T09S - R21E</b>

## Design Parameters:

Mud weight (10.50 ppg) : 0.545 psi/ft  
 Shut in surface pressure : 4265 psi  
 Internal gradient (burst) : 0.106 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

## Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	2,500	5.000	15.00	L-80	Hyd 521	9,700	4.283		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	5291	7250	1.370	5291	8290	1.57	37.50	290	7.73 J

Prepared by : FRM, Salt Lake City, UT

Date : 08-22-1994

Remarks :

CHG DEPTH TO 9700'

WASATCH-MESA VERDE

Minimum segment length for the 9,700 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 123°F (Surface 74°F , BHT 171°F & temp. gradient 1.000°/100 ft.)

The liner string design has a specified top of 7,200 feet.

The burst load shown is the pressure at the bottom of the segment.

The mud gradient and bottom hole pressures (for burst) are 0.545 psi/ft and 5,291 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 24, 1994

Coastal Oil & Gas Corporation  
600 17th Street, Suite 800S  
Denver, Colorado 80201-0749

Re: NBU 221X Well, 654' FNL, 646' FWL, NW NW, Sec. 34, T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. The reserve pit shall be constructed so as to prevent leakage or allow for fluid discharge and be lined with a 12 mil synthetic liner.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
3. Notification to the Division within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

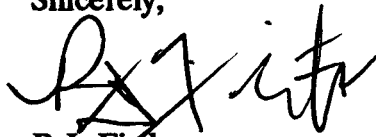


Page 2  
Coastal Oil & Gas Corporation  
NBU 221X Well  
August 24, 1994

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32545.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Firth', written over a horizontal line.

R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil and Gas Corp.

3. Address and Telephone Number:

P.O.Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footage: 654' FNL and 646" FWL

QQ, Sec., T., R., M.: NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 34, T9S-R21E

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

Ute Tribe

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-017-32545

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                     | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                      | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change status to title hole</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

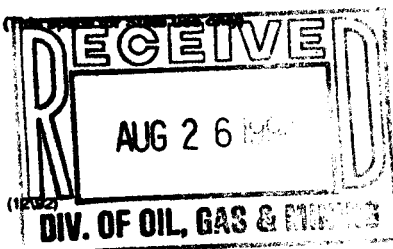
Please be advised that Coastal Oil and Gas Corporation requests that the well NBU #221X be held in a Confidential-Title Hole status. Your cooperation is appreciated.

13.

Name &amp; Signature:

Bonnie Johnston

Title: Environmental Analyst Date: 8/23/94



(See Instructions on Reverse Side)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SEP - 2 1994

DIV. OF OIL, GAS &amp; MINING

Lease Designation and Serial No.  
J-01194-A-ST

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name Ute Tribe	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name Natural Buttes	
2. Name of Operator (303) 573-4476 600 17th St., Suite 800S Coastal Oil and Gas Corporation Denver, CO 80201-0749			3. Farm or Lease Name NBU	
3. Address of Operator (303) 452-8888 13585 Jackson Drive Permitco Inc. - Agent Denver, CO 80241			9. Well No. 221X	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 654' FNL and 646' FWL At proposed prod. zone NW NW Sec.34, T9S-R21E			10. Field and Foot, or Wildcat Natural Buttes	
14. Distance in miles and direction from nearest town or post office* 15.1 miles southeast of Ouray, UT			11. 00, Sec., T., R., N., or S. and Survey or Area Sec.34, T9S-R21E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any) 660'		16. No. of acres in lease 1292.4	17. No. of acres assigned to this well 40	
13. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. Approx. 2500'		19. Proposed depth 9700'	20. Rotary or cable tools Rotary	
21. Elevations (Show whether DF, RT, GR, etc.) 4983' GR		22. Approx. date work will start* Upon approval of this application		

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9-5/8"	24#	250'	155 cf or suff. to circ. to s
8-3/4"	7"	26#	7500'	1775 cf or suff. to circ. to s
6-1/8"	5"	15#	9700'	

Coastal Oil and Gas Corp. proposes to drill a well to test the Wasatch and Mesa Verde formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See Drilling Plan attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil and Gas Corp. under their Nationwide Bond #CO-0018.

RECEIVED  
AUG 21 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Ernie Johnston Title: Environmental Coordinator Date: 8/22/94

(This space for Federal or State office use)

API NO.

43-047-32545

Approval Date

ACCEPTED BY BLM FOR

AUG 31 1994

Approved by: Ernie Johnston  
Conditions of approval: FOR USES ONLY

Title: \_\_\_\_\_ Date: \_\_\_\_\_

\*See Instructions On Reverse Side

**DRILLING PROGRAM**

654' NBU #221 646'  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

**Prepared For:**

**Coastal Oil & Gas Corp.**

**By:**

**PERMITCO INC.  
13585 Jackson Drive  
Denver, Colorado 80241  
303/452-8888**

**Copies Sent To:**

**3 - Division of Oil, Gas & Mining  
1 - Coastal Oil & Gas Corp. - Denver, CO**



The proposed wellsite is located on State Surface/State Minerals.

All upgrading of rehabed roads and new road construction is located on state lands.

An onsite inspection for the above mentioned location and access road was conducted on Friday, March 18, 1994 at 8:30 a.m. Weather conditions were cool and sunny.

Present at the onsite inspection were the following individuals:

Dave Hackford	Utah Division of Oil, Gas & Mining
Paul Breshears	Coastal Oil & Gas Corp.
Robert Kay	Uintah Engineering & Land Surveying
Lisa Smith	Permitco Inc.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Wasatch	4790'
Mesa Verde	7700'
T.D.	9700'

2. Casing Program

The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>
Surface	0-250'	12-1/4"	9-5/8"	24#	K-55
Produc.	0-7500'	8-3/4"	7"	26#	S-95
Liner	7200'-9700'	6-1/8"	5"	15#	-80

Casing design subject to revision based on geologic conditions encountered.

3. Cement Program

The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-250'	$\pm$ 155 cubic feet of Class "G" w/2% CaCl <sub>2</sub> & 1/4#/sk floeal. Cement volume = Annular Volume X 1.5).

Application for Permit to Drill  
Coastal Oil & Gas Corp.  
NBU #221  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

Lease No. State U-01194-A-ST

**DRILLING PROGRAM**

Page 2

<u>Production</u>	<u>Type and Amount</u>
250'-5000'	<u>Lead:</u> cubic feet of Premium High-Fill w/1#/sk granulite TR, 0.3% HR-7 & 1#/sk floeal.
5000'-7500'	<u>Tail:</u> 450 cubic feet Type V HLC w/6% gel, 1% EX-1, 10#/sk Gilsonite, 3% salt, 1/4#/sk Flocele
7500'-9700'	200 cubic feet Premium 50/50 Pozmix w/10% salt, 2% gel, 0.4% Halad-40, 0.4% CFR-3, 1#/sk granulite TR, 0.5#/sk floeal

4. **Drilling Fluids**

The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>PH</u>
0- 9700'	Aerated Wtr.	--	--	--	--

5. **Testing, Logging and Coring**

The anticipated type and amount of testing, logging and coring are as follows:

- Drill stem tests will be run as warranted after log evaluation. (Straddle test).
- The logging program will consist of a GR and DLL from T.D. to base of surface casing. An FDC-CNL will be run from T.D. to 1300'.
- No Cores are anticipated. Rotary sidewall cores if warranted.

6. **Spud Date/Drilling Time**

- Drilling is planned to commence immediately upon approval of this application.



- b. It is anticipated that the drilling of this well will take approximately 8-10 days.

7. Road Use/Water Source

- a. All existing roads are located on Tribal or BLM lands and are currently covered under existing right of ways. Approximately 0.4 miles of rehabed road will be upgraded. An additional 400' of access will be new construction.
- c. All water needed for drilling purposes will be obtained from the Uintah #1 Water Well, Section 15, T10S - R21E which is operated by Target Trucking, Vernal, Utah. Water Permit No. 49-111.

8. BOP Requirements

Coastal's minimum specifications for pressure control equipment are as follows:  
Ram Type: Hydraulic double w/Hydril, 2000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Application for Permit to Drill  
Coastal Oil & Gas Corp.  
NBU #221  
660' FNL and 660' FWL  
NW NW Sec. 34, T9S - R21E  
Uintah County, Utah

Lease No. State U-01194-A-ST

**DRILLING PROGRAM**

Page 4

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

9. Anticipated Pressures

- a. The maximum anticipated bottom hole pressure equals approximately 2540 psi (calculated at 0.40 psi/foot) and maximum anticipated surface pressure equals approximately 1397 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.

10. Reserve Pit

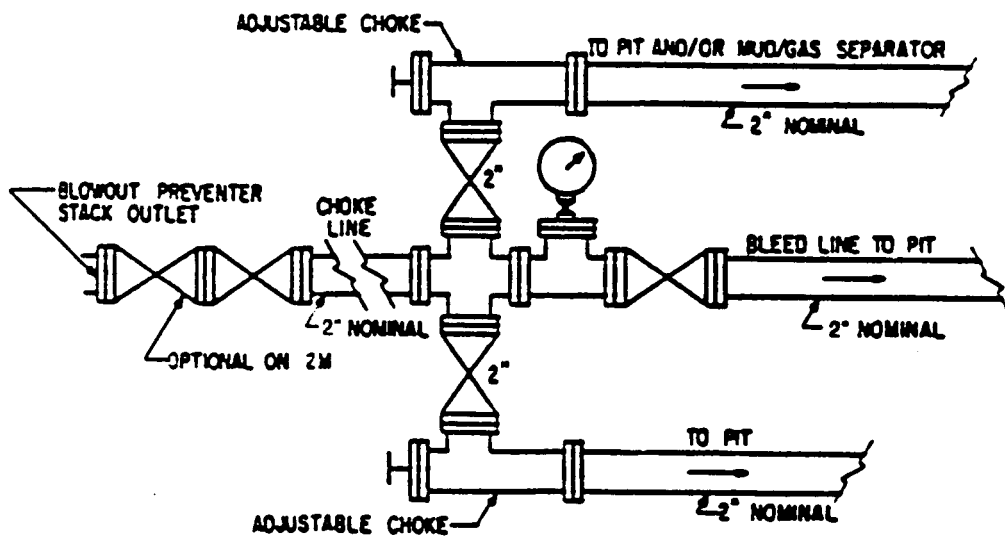
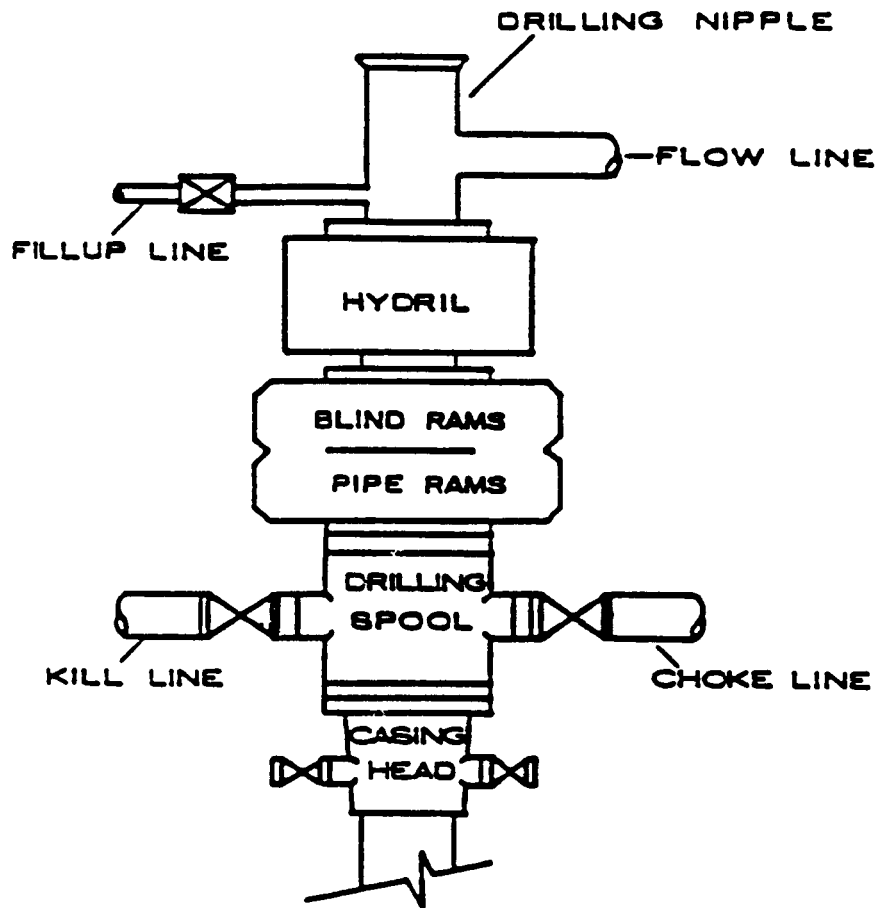
At the request of the Utah Division of Oil, Gas & Mining, the reserve pit will be lined with a plastic liner of at least 10 mil.

11. Archeological Report

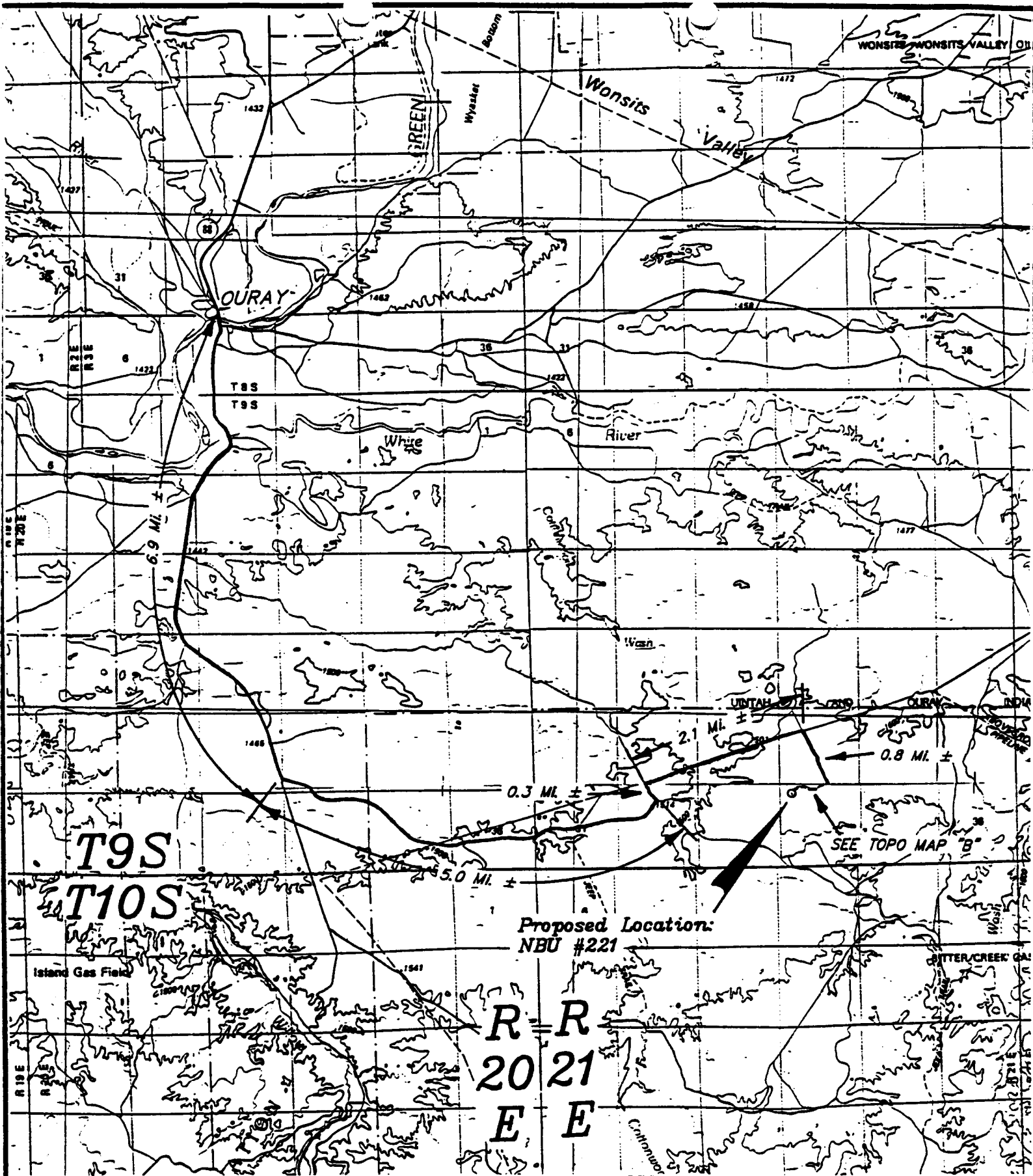
A Class III Archeological Study was conducted by Metcalf Archeological Consultants. No significant cultural resources were found and clearance has been recommended. A copy of the report is attached.

# BOP STACK

2,000 PSI



2,000 PSI CHOKE MANIFOLD



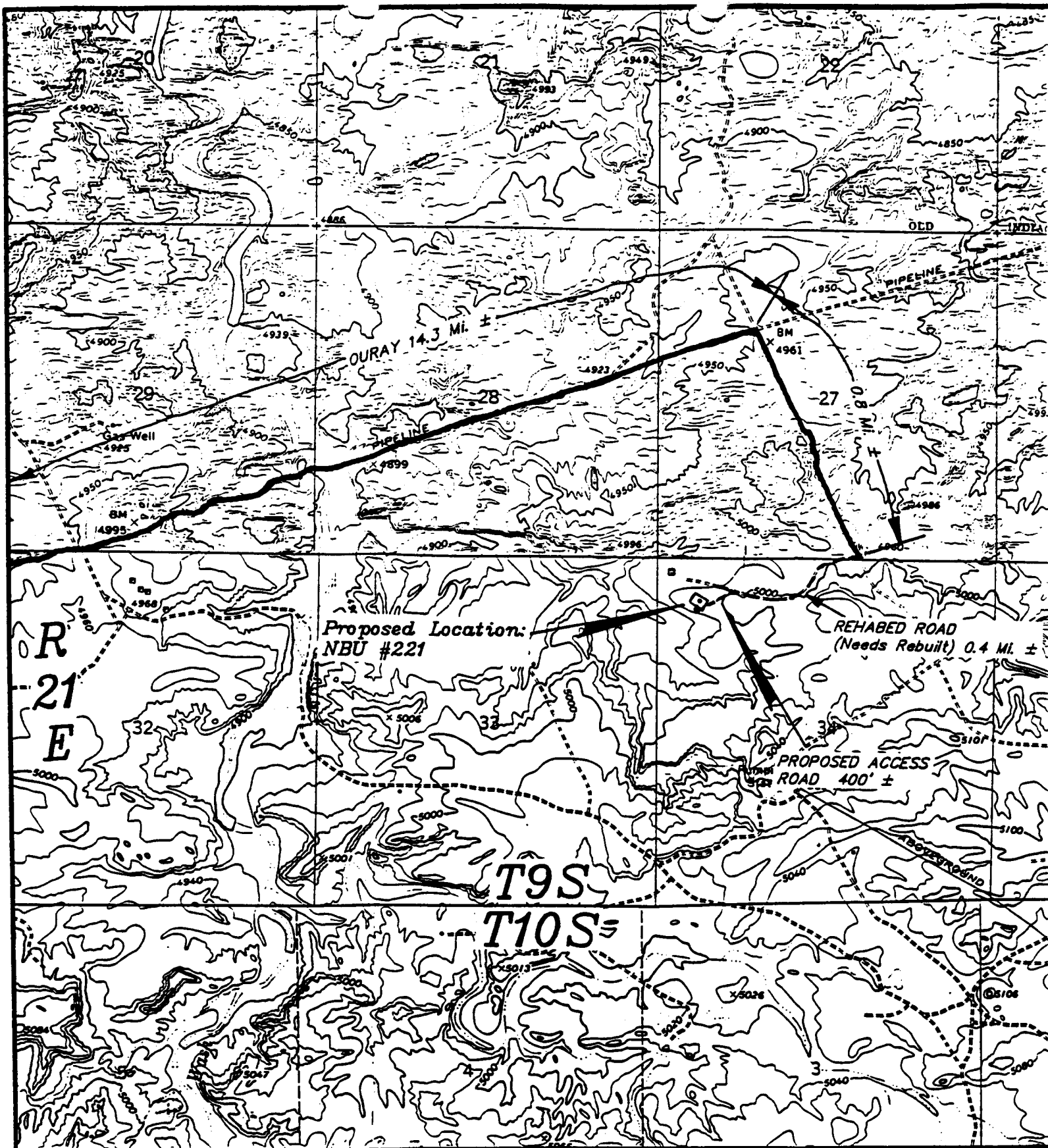
TOPOGRAPHIC  
MAP "A"

DATE: 3-17-94 D.R.B.



COASTAL OIL & GAS CORP.

NBU #221  
SECTION 34, T9S, R21E, S.L.B. & M.  
660' FNL 660' FWL



TOPOGRAPHIC

MAP "B"

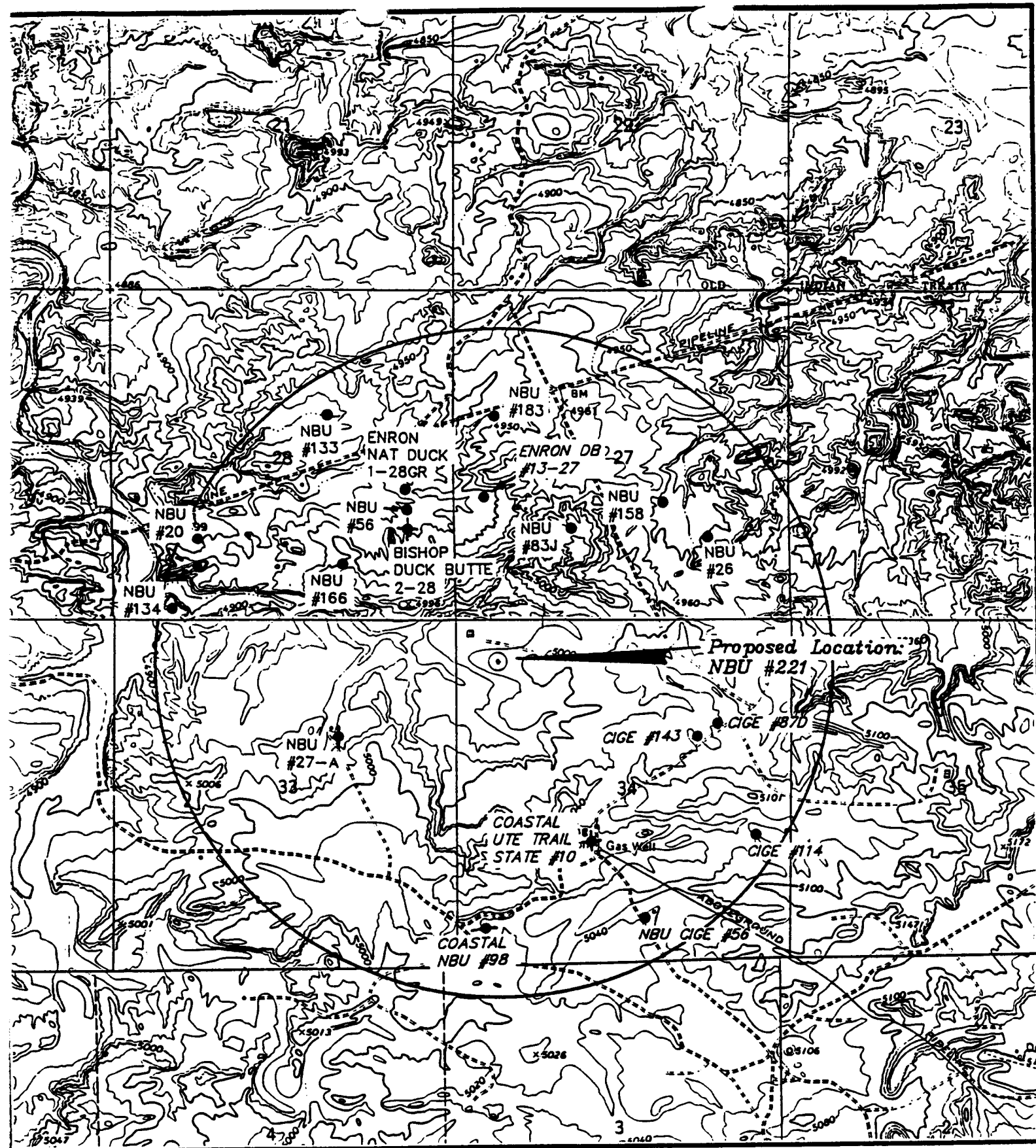
SCALE: 1" = 2000'

DATE: 3-16-94 C.B.T.



COASTAL OIL & GAS CORP.

NBU #221  
SECTION 34, T9S, R21E, S.L.B.&M.  
660' FNL 660' FWL



# **LEGEND:**

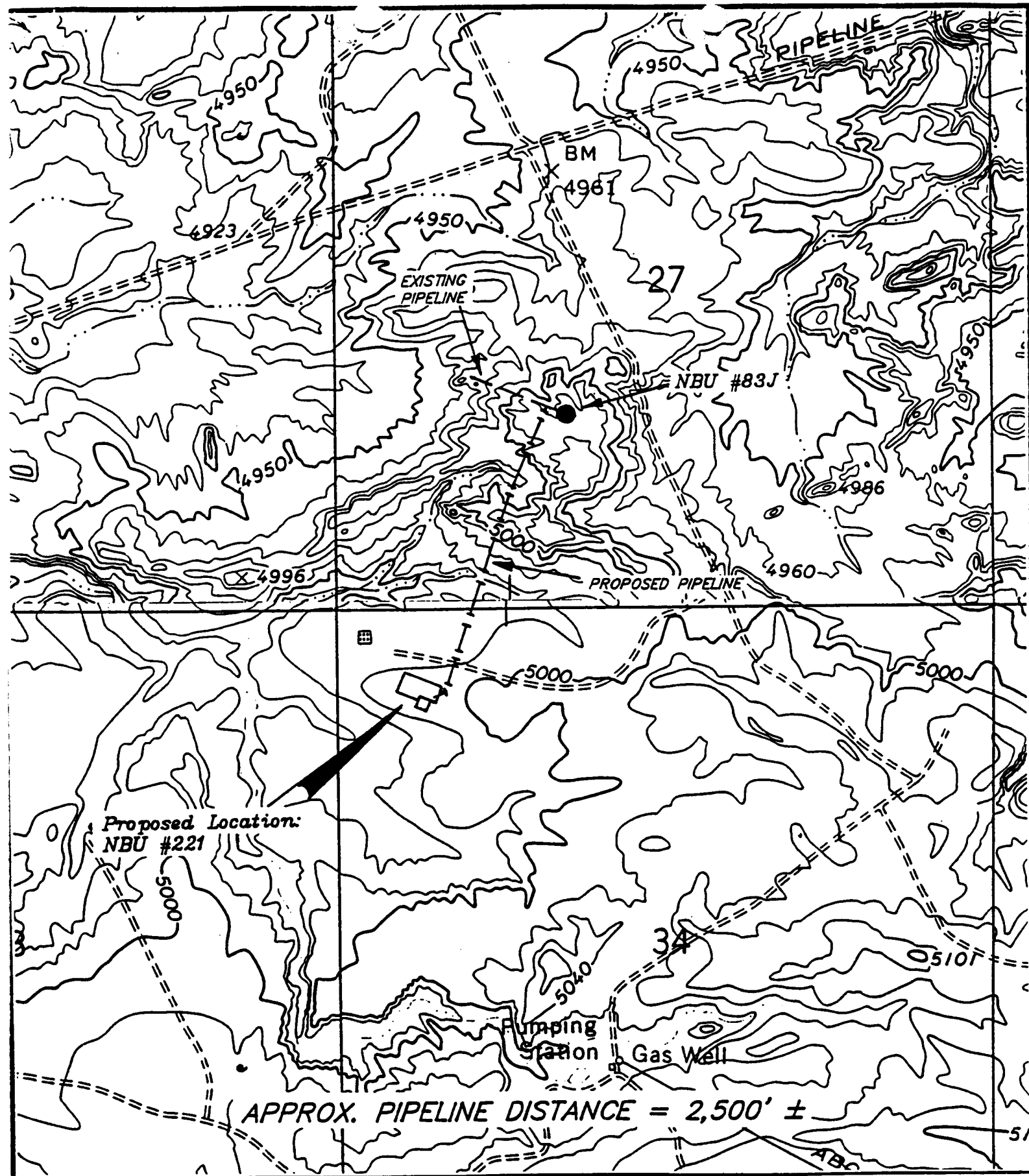
- = Water Wells
- ◐ = Abandoned Wells
- ◑ = Temporarily Abandoned Wells
- ⊗ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



## **COASTAL OIL & GAS CORP.**

NBU #221  
 SECTION 34, T9S, R21E, S.L.B. & M.  
 660' FNL 660' FWL  
**T O P O M A P " C "**

DATE: 3-17-94 D.R.B.



TOPOGRAPHIC  
MAP "D"

LEGEND

- EXISTING PIPELINE
- ===== Proposed Pipeline

**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
NBU #221

SECTION 34, T9S, R21E, S.L.B. & M.

DATE: 3-17-94 D.R.B.



# COASTAL OIL & GAS CORP.

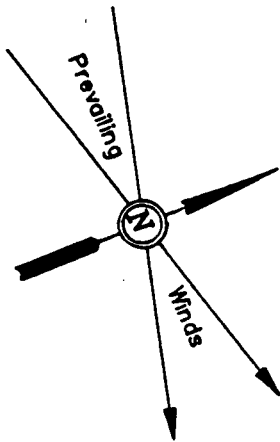
## LOCATION LAYOUT FOR

NBU #221

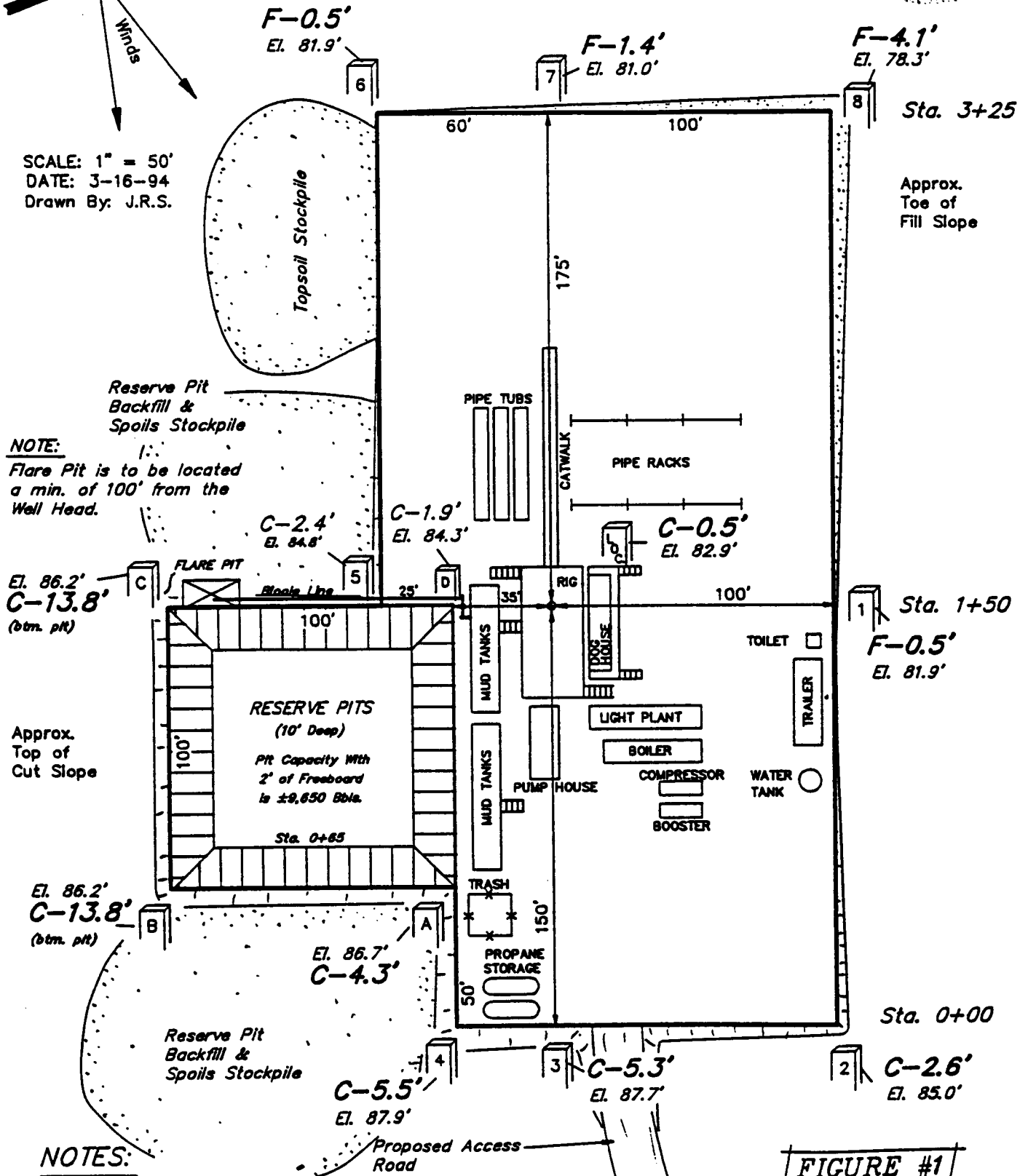
SECTION 34, T9S, R21E, S.L.B.&M.

660' FNL 660' FWL

*D. Kay*



SCALE: 1" = 50'  
DATE: 3-16-94  
Drawn By: J.R.S.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4982.9'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4982.4'

**FIGURE #1**

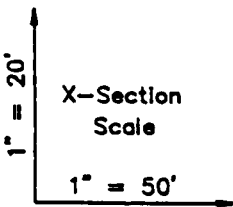
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

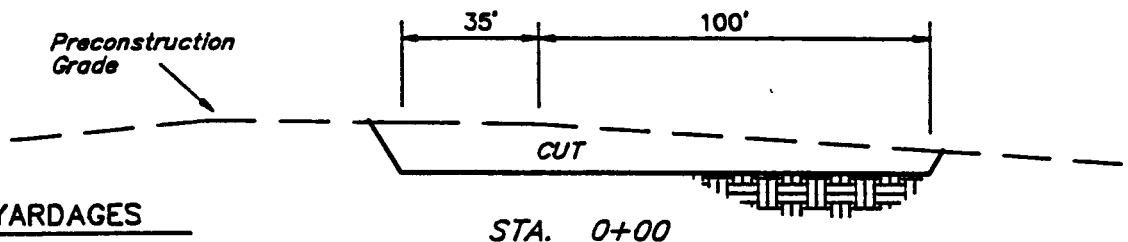
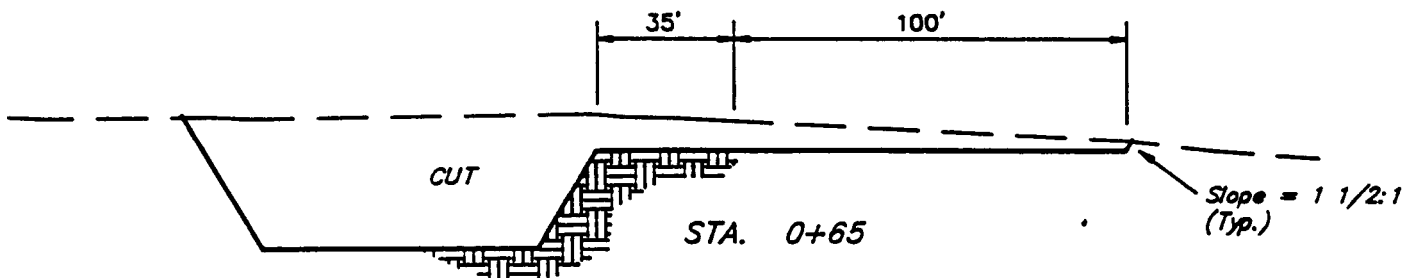
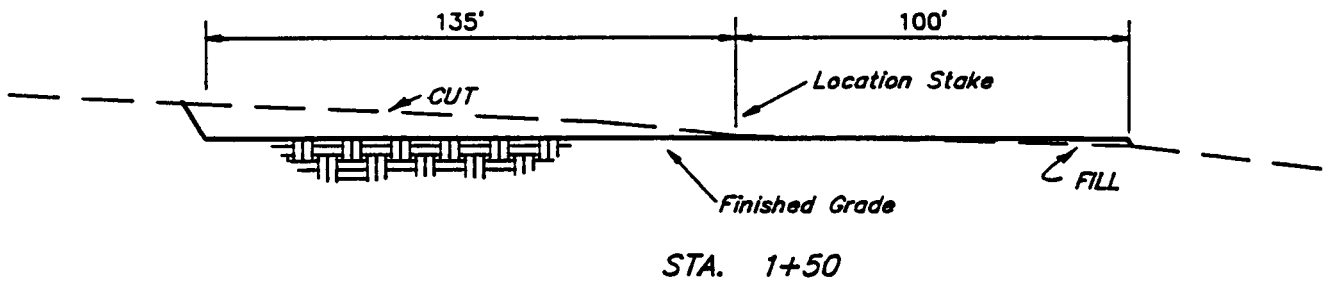
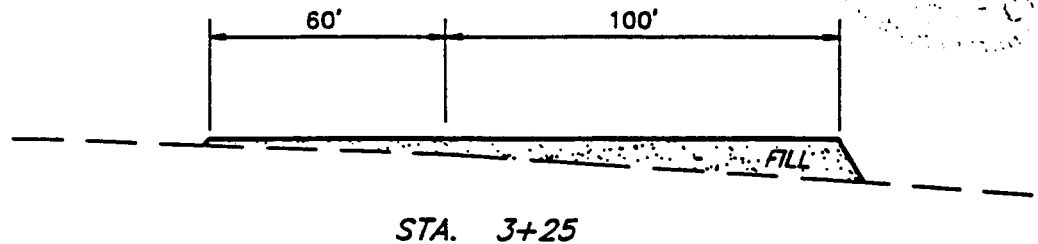
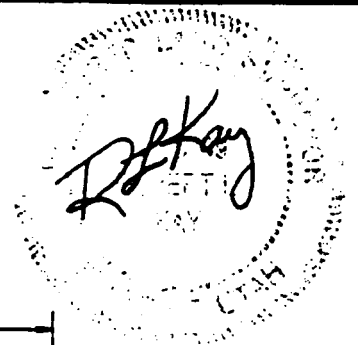
NBU #221

SECTION 34, T9S, R21E, S.L.B.&M.

660' FNL 660' FWL



DATE: 3-16-94  
Drawn By: J.R.S.



### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,080 Cu. Yds.
Remaining Location	= 5,420 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,500 CU.YDS.</b>
<b>FILL</b>	<b>= 1,440 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,980 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,430 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 2,550 Cu. Yds.

FIGURE #2



**M A C**

**Metcalf Archaeological Consultants, Inc.**

---

March 18, 1994

Mr. Joseph J. Adamski  
Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749

Dear Mr. Adamski:

Enclosed please find our cultural resource inventory report for the proposed well pad and pipeline location for NBU #221X. No cultural resources were located during the inventory. Cultural resource clearance is recommended for the project.

Thank you for the opportunity to perform this work. If you have any questions or concerns please do not hesitate to contact our office.

Sincerely,

Dulaney Barclay  
Staff Archaeologist

cc: State Historic Preservation Office, Salt Lake City  
Lisa Smith, Permitco

enclosure



Class III Cultural Resource Inventory of Coastal Oil  
and Gas Corporation's Proposed NBU 221 Well Pad,  
Access Road, and Pipeline  
Uintah County, Utah

by  
Patrick O'Brien  
and  
Dulaney V. Barclay

Michael D. Metcalf  
Principal Investigator

prepared for  
Coastal Oil and Gas Corporation  
Nine Greenway Plaza, Suite 474  
Houston, TX 77046

prepared by  
Metcalf Archaeological Consultants, Inc.  
P. O. Box 899  
Eagle, CO 81631

Project Number U-94-MM-116(s)

March, 1994

## Introduction

Metcalf Archaeological Consultants, Inc. (MAC) performed a Class III cultural resource survey of Coastal Oil & Gas Corporation's proposed NBU #221 well pad, access road location, and pipeline in the NW¼ section 34 and SW¼ section 27, T9S, R21E, Uinta County, Utah (Figure 1). The entire project area is located on lands administered by the State of Utah. The well pad is to be constructed 660 feet FNL and 660 feet FWL of section 34 at the flagged location. Access will follow a reclaimed road from an existing road in the SW/SW/SE of section 27, T9S, R21E, running generally south and west to the proposed pad location. A pipeline approximately 2200 feet in length is to be constructed heading north/northeast from the northeast corner of the well pad and connecting with an existing above ground pipeline in the SW/NE/SW of section 27, T.9S, R21E, heading northwest from NBU #83J. A 10 acre block centered on the proposed drill location was surveyed for the pad. A 100 foot-wide corridor was covered for the approximately 1.0 mile of access and pipeline corridor. In all, 21 acres were inventoried.

Because the access will follow the corridor of a reclaimed road, survey covered disturbed land. The corridor was surveyed anyway because it was not known if the old road had been surveyed, or if so, when it was surveyed. Fieldwork was done on March 14, 1994 under the supervision of Anne McKibbin. Survey was done by MAC archaeologist Patrick O'Brien. The pipeline was surveyed on March 17, 1994 by MAC archaeologist Dulaney Barclay. All field notes, maps, and pertinent information are on file in the MAC office in Eagle.

## Files Search

A files search was requested on March 15, 1994 from the Utah Division of State History in Salt Lake City. Two previous projects were discovered in the vicinity of the current study area. Brigham Young University performed a Class III inventory of south and east of proposed NBU 221 in sections 34 and 35. No sites were recorded. The second project was done by the Grand River Institute. They discovered one site (42UN1897) located 0.25 miles west/northwest of the proposed pipeline corridor. In addition to these two cultural resource inventories, paleontological studies in the general vicinity have reported vertebrate fossil remains.

## Environment

The project area is on a broad, gentle, northwest-facing slope in a rolling upland in the Uinta Basin geographic unit. Numerous small, dry drainages cut through the area. To the north and east there are remnant buttes and ridges with large, tan sandstone outcrops. A few hundred meters east of the proposed well pad location there is a small sandstone nipple on top of a small hill. South of the pad the terrain drops off into a drainage. Here there is a large open expanse of bare sandstone. The High Uinta Mountains can be seen to the north-northwest of the project area. Soils in the project area range from sandy, gravelly loams to aeolian sand. Vegetation includes tall sage, greasewood, rabbitbrush, shadscale, grasses, and prickly pear. Sage and greasewood are absent in the disturbed road corridor.

## Field Methods

Figure 1 Topographic map showing proposed NBU #221 well location (Big Pack Mtn, NE and Ouray SE USGS 7.5' quads., Uintah County, Utah).

The pad area was surveyed by walking parallel transects spaced no more than 15 meters apart in a 10 acre block centered on the proposed drill location. The disturbed access corridor was approximately 100 feet wide and was covered by walking one zig-zag transect. The pipeline corridor was surveyed by walking zig-zag transects covering 15m (50') on each side of the staked centerline. Visibility was generally 50-80%, but was better in the partially denuded access corridor. Areas of subsurface exposure (ant hills, rodent backdirt) were given special attention, as they provided some indication of the potential for buried materials.

### Results

No cultural resources were discovered during inventory of Coastal Oil and Gas Corporation's proposed NBU #221 well pad, access road, and pipeline locations.

### Recommendations

Cultural resource clearance is recommended for the proposed well pad, access, and pipeline locations of NBU #221X.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation  
ADDRESS P.O. Box 749  
Denver, CO 80201-0749

OPERATOR ACCT. NO. N 0230

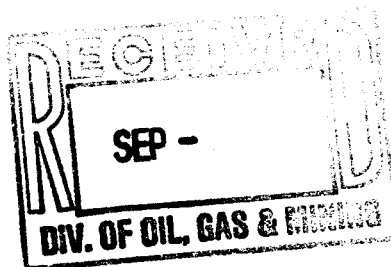
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	02900	43-047-32545	NBU 221X	NWNW	34	9S	21E	Uintah	8/25/94	8/25/94
WELL 1 COMMENTS: (Coastal) <i>Entity added 9-8-94. (Natural Buttes Unit) Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



*Aggela Bermeas*  
Signature

Sr. Drilling Secretary 09/01/94  
Title Date

Phone No. (303) 573-4433



**CONFIDENTIAL**

5. Lease Designation and Serial Number:

U-01194-A-ST

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to recomplete plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 654' FNL &amp; 646' FWL

QQ, Sec., T., R., M.: NW NW Section 34-T9S-R21E

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

11.

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****NOTICE OF INTENT**

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Completion procedure</u> |   |

Approximate date work will start Upon approval**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached proposed completion procedure for the above described well.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: 12/21/94BY: [Signature]

13.

Name & Signature: [Signature]

Bonnie Johnston

Title: Environmental Analyst

Date: 11/29/94

(This space for State use only)


**PROCEDURE**

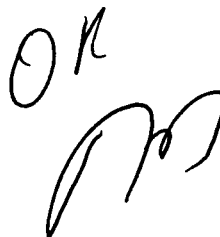
1. MIRU Western Company and frac Measverde interval (9,110 to 9,510' w/ 19 - 0.39" holes) with 100,000 gals of 35 #/Mgals Guar, Borate Crosslinked Gel, 300,000# 20-40 Ottawa Sand and flush with 12,000 gals of freshwater as follows:

Stage	Fluid Vol	Proppant		Volume		Rate	
	(GALS)	Conc. (#/GAL)	Total (#)	Fluid (BBLs)	Slurry (BBLs)	Fluid (BPM)	Slurry (BPM)
PAD	25,000	-	-	595	595	30.0	30.0
SLF	15,000	2.0	30,000	357	390	30.0	33.0
SLF	15,000	3.0	45,000	357	406	30.0	34.0
SLF	15,000	4.0	60,000	357	422	30.0	35.0
SLF	15,000	5.0	75,000	357	438	30.0	36.0
SLF	15,000	6.0	90,000	357	454	30.0	37.0
Flush	12,000	-	-	285	285	30.0	-
Total	112,000	-	300,000	2,665	2,990	-	-

**FRAC NOTES:**

- A. Maximum Surface Treating Pressure Allowed - 5,000 psig
  - B. All frac fluids to contain bactericide and clay stabilizer.
  - C. Base frac fluid to contain filtered 3% KCL water heated to 80 degrees.
  - D. Tag pad fluid, first sand stage and last sand stage with radioactive tracers.
2. Production test Mesaverde interval ( 9,110 to 9,510'). Schedule to run a radioactive tracer log in the near future.

R. E. Cox (11-21-94) 



UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

Operator: Coastal Oil & Gas Lease: State:          Federal: ☒ Indian:          Fee:         

Well Name: NBU 221X API Number: 43-047-32545

Section: 34 Township: 9S Range: 21E County: Uintah Field: Natural Buttes

Well Status: POW Well Type: Oil:          Gas: X

PRODUCTION LEASE EQUIPMENT: ☒ CENTRAL BATTERY:         

1 Well head          Boiler(s)          Compressor          Separator(s)  
1 Dehydrator(s) 2 Shed(s)          Line Heater(s) 1 Heated Separator  
         VRU          Heater Treater(s)

PUMPS:  
         Triplex 1 Chemical          Centrifugal

LIFT METHOD:  
         Pumpjack          Hydraulic          Submersible ☒ Flowing

GAS EQUIPMENT:  
1 Gas Meters          Purchase Meter ☒ Sales Meter

TANKS:	NUMBER	SIZE
<u>        </u> Oil Storage Tank(s)	<u>        </u>	BBLS
<u>        </u> Water Tank(s)	<u>        </u>	BBLS
<u>        </u> Power Water Tank	<u>        </u>	BBLS
<u>1</u> Condensate Tank(s)	<u>210</u>	BBLS
<u>        </u> Propane Tank	<u>        </u>	

REMARKS: well permitted as POW but no oil  
equipment on location.  
Reserve pit open and has 1500 Bbls. fluid.

Location central battery: Qtr/Qtr:          Section:          Township:          Range:         

Inspector: David W. Hunsford Date: 12/7/94

COGC

NBU221X

43-047-32545

↑  
North

Access

210B61  
Condensate  
Tank

Meter  
House Gas  
sales line

wellhead

Heated  
separator

Dehydrator

Reserve Pit

Top  
Soil

RECEIVED

FEB - 6 1995

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒

GAS ☐

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

4. Location of Well

Footages: 654' FNL & 646' FWL

County: Uintah

QQ, Sec., T., R., M.: NW NW Section 34-T9S-R21E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandonment

☐ New Construction

☐ Casing Repair

☐ Pull or Alter Casing

☐ Change of Plans

☐ Recompletion

☐ Conversion to Injection

☐ Shoot or Acidize

☐ Fracture Treat

☐ Vent or Flare

☐ Multiple Completion

☐ Water Shut-Off

☐ Other \_\_\_\_\_

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandonment \*

☐ New Construction

☐ Casing Repair

☐ Pull or Alter Casing

☐ Change of Plans

☐ Shoot or Acidize

☐ Conversion to Injection

☐ Vent or Flare

☐ Fracture Treat

☐ Water Shut-Off

☒ Other Spud Notice

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

250' GL. Spud well @ 10:00 a.m. on 8/25/94. Drill 12 1/4" hole to 252' w/Leon Ross Drlg. RIH w/6 jts 9-5/8" 36# 8<sup>RD</sup> csg, tally ran = 251.81'. Cmt w/Howco, mix & pump 140 sx Type V AG cmt w/2% CaCl<sub>2</sub>, 1/4#/sx Flocele. Displace w/18 bbls H<sub>2</sub>O, circ 9 bbls cmt to pit.

480'. Drlg, spud well @ 2:00 a.m. on 10/4/94.

13.

Name & Signature:

*N.O. Shiflett*

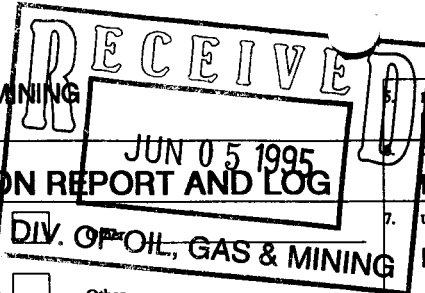
N.O. Shiflett

Title: District Drilling Manager

Date:

02/03/95

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

LEASE DESIGNATION AND SERIAL NO.

U-01194-A-ST

F INDIAN, ALLOTTEE OR TRIBE NAME

N/A

UNIT AGREEMENT NAME

Natural Buttes

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ DIV. OF OIL, GAS & MINING

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 654' FNL & 646' FWL  
At top prod. interval reported below Same as above  
At total depth Same as above

5. FARM OR LEASE NAME  
NBU

6. WELL NO.  
221X

7. FIELD AND POOL, OR WILDCAT  
Natural Buttes

8. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
Section 34, T9S-R21E NW/NW

9. API NO.  
43-047-32545

10. DATE ISSUED  
8/24/94

11. COUNTY  
Utah

12. STATE  
Utah

13. DATE SPUDDED  
8/25/94

14. DATE T.D. REACHED  
11/4/94

15. DATE COMPL. (Ready to prod. or P&A)  
11/24/94

16. ELEVATIONS (DF, RKB, RT, OR, ETC.)  
4983' GR

17. ELEV. CASINGHEAD

18. TOTAL DEPTH, MD & TVD  
9606'

19. PLUG BACK T.D., MD & TVD  
9550'

20. IF MULTIPLE COMPL., HOW MANY  
---

21. INTERVALS DRILLED BY  
rotary

22. ROTARY TOOLS  
CABLE TOOLS

23. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)  
'9110 - 9510 Mesa Verde

24. WAS DIRECTIONAL SURVEY MADE  
no

25. TYPE ELECTRIC AND OTHER LOGS RUN  
ULL/GH/CAL, CUL/DSN/GH, GH/CCL/CBL 11-7-94

26. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)  
DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	252'	12-1/4"	SEE ATTACHED	surface
7"	23#	7100'	8-3/4"	CEMENTING RECORD	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	6802'	9600'	440				

PERFORATION RECORD (Interval, size and number)				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Mesa Verde, 0.39" hole size: 9110', 9114', 9124', 9126', 9162', 9163', 9166', 9224', 9225', 9288', 9289', 9342', 9343', 9366', 9374', 9390', 9394', 9506', 9510'				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				9110-9510'	80,052 gal 35# borate gel w/180,000#
					20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION  
11/26/94

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)  
flowing

WELL STATUS (Producing or shut-in)  
producing

DATE OF TEST  
11/30/94

HOURS TESTED  
24

CHOKE SIZE  
20/64"

PROD'N. FOR TEST PERIOD  
0

OIL--BBL  
500

GAS--MCF  
100

WATER--BBL  
---

GAS-OIL RATIO  
---

FLOW. TUBING PRESS.  
520#

CASING PRESSURE  
1050#

CALCULATED 24-HOUR RATE  
---

OIL--BBL  
---

GAS--MCF  
---

WATER--BBL  
---

OIL GRAVITY--API (CORR.)  
---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Chronological history

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Bonnie Johnston TITLE Senior Environmental Analyst DATE 06/02/95

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top True Vert. Depth
				Wasatch	4806'	
				Mesa Verde	7392'	

CEMENTING RECORD FOR NBU #221X

Casing Size

Cementing Record

9-5/8"

140 sx Type V AG cmt w/2% CaCl<sub>2</sub>, 1/4# Flocele

7"

310 sx HiFill std w/0.3% HR7, 2# Granulite,  
mixed @ 11#/gal, yld 3.82  
Tail: 1150 sx 50-50 Poz w/2% gel, 0.5% Halad  
322, 0.4% Super CBL, mixed @ 14.2#/gal, yld  
1.24

5"

440 sx 50/50 Poz w/2% gel, 0.4% CBL, 10% salt,  
0.7% Halad 413 & 0.8% CFR-3, wy 14.2, yld 1.28



**COASTAL OIL & GAS CORPORATION**  
**CHRONOLOGICAL HISTORY**

**NBU #221X**

**SECTION 34-T9S-R21E**

Natural Buttes Field

Uintah County, UT

CoastalDril #1

WI: 100% COGC AFE: 14689R1

ATD: 9600' SD: 10/4/94

Csg: 9 5/8" @ 262', 7" @ 7100'

5" @ 9600'

DHC(M\$): 580.0

- 8/30/94 250' GL. WORT. Spud well @ 10:00 AM on 8/25/94. Drill 12 1/4" hole to 252' w/Leon Ross Drlg. RIH w/6 jts 9 5/8" 36# 8<sup>RD</sup> csg, tally ran = 251.81' Cmt w/Howco, mix & pmp 140 sx Type V AG cmt w/2% CaCl<sub>2</sub>, 1/4#/sx Flocele. Displ w/18 bbls H<sub>2</sub>O, circ 9 bbls cmt to pit, ran 8 cent & guide shoe. Moved pin on loc 15' ahead & enlarged res pit to accommodate Mesaverde well. CC: \$32,834.
- 10/3/94 262' MI RURT, rig move 18.2 mi. MI RURT, 18.2 mi move. Dwks off, derrick off & split, 70% off old loc. CC: \$76,073.
- 10/4/94 480' Drlg, spud well @ 2:00 AM on 10/4/94. 218 1/4 hrs. RD M RURT. NU, test BOPE 2000#, csg & hyd 1500#. PU BHA, rot hd, blow hole. Drlg cmt & shoe, TOC 235'. Drlg. Air 6 hrs. Air mist. CC: \$109,242.
- 10/5/94 1850' Drlg w/air & H<sub>2</sub>O. 1370'/22 1/2 hrs. Drlg, WL svy @ 506'. Drlg, RS & work BOP's. Drlg, WL svy @ 1500'. Drlg. Hit Fm wtr @ 1645'. Started aerated @ 1671'. Air 24 hrs. Aerated H<sub>2</sub>O. Svys: 1° @ 506', 3/4° @ 1500'. CC: \$123,733.
- 10/6/94 2875' Drlg w/air & H<sub>2</sub>O. 1025'/23 hrs. Drlg, RS & work BOP's. Drlg, WL svy @ 2499'. Drlg. Air comp 24 hrs. Aerated H<sub>2</sub>O. Svy: 1 1/4° @ 2499'. CC: \$133,661.
- 10/7/94 3700' Drlg. 825'/23 hrs. Drlg, RS & work BOP's. Drlg, WL svy @ 3505'. Drlg. Air comp 24 hrs. Aerated H<sub>2</sub>O. Svy: 1 1/4° @ 3505'. CC: \$142,480.
- 10/8/94 4500' Drlg. 800'/23 1/2 hrs. Drlg, RS & work BOP's. Drlg. Drlg break @ 4359-66'. Air comp 24 hrs. Aerated 6# DAP H<sub>2</sub>O. CC: \$154,397.
- 10/9/94 4990' Drlg. 490'/17 hrs. Drlg, WL svy @ 4506'. Drlg, RS & WOR. Drlg, drop svy, POOH for bit. Change bit & TIH w/bit. Break circ, wash 30' to btm. Drlg. Drlg break @ 4501-10'. Air comp 24 hrs. Aerated 6# DAP H<sub>2</sub>O. Svys: 1 1/4° @ 4506', 2 1/4° @ 4918'. CC: \$169,274.
- 10/10/94 5535' Drlg. 545'/23 1/2 hrs. Drlg, RS & work BOP's. Drlg. Drlg break 5015-49'. Air comp 24 hrs. Aerated 6# DAP H<sub>2</sub>O. CC: \$178,067.
- 10/11/94 6015' Drlg. 480'/23 hrs. Drlg, RS & work BOP's. Drlg, WL svy @ 5917'. Drlg. Drlg break 5907-17'. Air comp 24 hrs. Aerated 6# DAP H<sub>2</sub>O. Svy: 1 3/4° @ 5917'. CC: \$191,613.
- 10/12/94 6490' Drlg. 475'/23 1/2 hrs. Drlg, RS & work BOP's. Drlg. Drlg breaks: 6028-67' LG, 6172-82', 6293-332'. Air comp 24 hrs. Aerated 6# DAP H<sub>2</sub>O. CC: \$201,381.
- 10/13/94 6715' Drlg. 225'/15 1/2 hrs. Drlg. Drop svy, TOO H, no picture. RS, check BOP's. PU junk sub, bit, TIH. Break circ, kill well @ 3600'. TIH, bridge @ 6320'. Fill pipe, wash bridge 6320'-6330', TIH 2 stds, wash 40' to btm, work junk basket. Drlg. Drlg break 6519'-6526'. Well kicking, drlg thru gas buster w/no air. Air 7 hrs. Aerated 6# DAP H<sub>2</sub>O/6# bbl DAP H<sub>2</sub>O. Svy: No picture @ 6615'. CC: \$213,310.
- 10/14/94 7000' Drlg. 285'/23 1/2 hrs. Drlg, RS, work BOP's. Drlg. No drlg breaks. Air 22 hrs. Aerated DAP H<sub>2</sub>O 6# bbl DAP. CC: \$228,198.
- 10/15/94 7100' TIH. 100'/8 1/2 hrs. Drlg, RS, check BOP. Drlg. Short trip 33 stds to 4000', good. W&R 30' to btm, no fill. Displ hole w/10# salt mud, 500 bbls. Drop svy, TOO H for logs, SLM, no corr. Log OH w/HLS. Run CDL/DSN/GR TD-2600', DLL/GR/Cal TD-surf. Well started kicking while logging.

**COASTAL OIL & GAS CORPORATION**  
**CHRONOLOGICAL HISTORY**

NBU #221X  
Natural Buttes Field  
Uintah County, UT

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- 125 psi ann, 30' flare, ¼" chk. TIH. Air 7 hrs. MW 10, vis 3.8. Svy: 1½° @ 7072'. CC: \$247,433.
- 10/16/94 7100' NU BOPE, change pipe rams to 3½", 7" csg @ 7100', FC @ 7054'. TIH, well kicking 250 psi. Circ & mix 500 bbls 10# salt mud. Displ hole w/400 bbls mud. LDDP & DC's. RU csg tools, RIH w/165 jts 7" 23# CF-95 8<sup>RD</sup> LT&C csg, tally ran = 7105.09'. Set @ 7100', FC @ 7054'. Circ csg. RU Howco, pmp 30 bbls Superflush, 310 sx HiFill std w/0.3% HR7, 2# Granulite, mixed @ 11#/gal, yld 3.82. Tail w/1150 sx 50-50 Poz w/2% gel, 0.5% Halad 322, 0.4% Super CBL, mixed @ 14.2#/gal, yld 1.24. Displ w/277 bbls H<sub>2</sub>O, bump plug to 2500, 500 over, floats held. Set csg slips w/120,000, ND BOPE, cut off csg, NU BOPE, change DP rams to 3½". CC: \$373,442.
- 10/17/94 7125' Drlg. 25½ hrs. LD kelly, change pipe rams, PU 3½" tools. NU BOPE, test BOPE to 3000 psi, Hydril to 1500. PU DC's & DP, tag cmt @ 7051'. Test csg to 1500, 30 min, ok. Circ & mix mud. Drill cmt, float & shoe. Drlg. Run 12# equiv leak off test @ 7112', 1300 psi, good. Drlg. No reportable gas @ 6:00 AM. MW 8.4, vis 32, FL 28.4, PV 3, YP 4, solids 0.8%, pH 9.8, ALK 1.3/2.9, CL 2600, Ca 40, gels 0/1, wall cake 2/32<sup>ND</sup>. CC: \$389,349.
- 10/18/94 7267' Drlg. 142½ hrs. Drlg. RS, work BOP. Drlg. BG 500u, CG 520u, 60% sh, 40% ss, Wasatch, TR of chert in quartz 7220'-7240'. Boiler 24 hrs + yesterday 672. MW 8.7, vis 35, FL 16, PV 6, YP 3, solids 2.6%, pH 9.6, ALK 0.7/1.6, CL 2800, Ca 80, gels 0/1, wall cake 2/32<sup>ND</sup>. CC: \$399,524.
- 10/19/94 7314' Drlg. 58½ hrs. TOO H, install DP rubbers, SLM, 11' corr, corrected depth 7256'. RS, check BOP. TIH, cut drlg line. Fill pipe, wash 60', no fill. Drlg. Wasatch 90% sh, 10% ss, TR chert, BG 120u, CG 0, TG 800u. Boiler 10 hrs @ 14 HR. MW 8.7, vis 35, FL 16, PV 6, YP 3, solids 2.6%, pH 9.7, ALK 0.9/2.3, CL 3,000, Ca 40, gels 0/2, wall cake 2/32<sup>ND</sup>. CC: \$413,372.
- 10/20/94 7420' Drlg. 106½ hrs. Drlg. TOO H, RS, check BOP's. TIH, fill pipe, wash 45', no fill. Drlg. Wasatch 80% sh, 10% ls, 10% ss, BG 1000u, CG 1300u thru Buster, TG 1900u. Shows: 7332-42', 90% ss, 10% sh, P/R 12-3½-14, F/G 150-800-600; 7384-400', 100% ss, P/R 14-2-18, F/G 700-1850-1100. Boiler 12 hrs. MW 8.9, vis 34, FL 15.6, PV 7, YP 3, solids 4%, pH 9.7, ALK 0.75/2.0, CL 3,400, Ca 80, gels 0/1, wall cake 2/32<sup>ND</sup>. CC: \$426,961.
- 10/21/94 7490' Drlg. 70½ hrs. Drlg. RS, check BOP's. Drlg to 7458'. TOO H, relet bit w/3x10's, TIH, change rot hd rubbers. Fill pipe, W&R 45', no fill. Drlg. Wasatch 90% sh, 10% ss, BG 1300u, CG 2100u, TG 2000u, no shows. MW 9, vis 42, FL 12.8, PV 13, YP 5, solids 4.7%, pH 9.6, ALK 0.6/1.8, CL 3,300, Ca 80, gels 2/4, wall cake 2/32<sup>ND</sup>. CC: \$436,025.
- 10/22/94 7625' Drlg. 135½ hrs. Drlg. RS. Drlg. Wasatch, no shows, BG 1500u, CG 1700u, 80% sh, 20% ss. Boiler 12 hrs. MW 9.1, vis 36, FL 14.4, PV 9, YP 4, solids 5.4%, pH 9.5, ALK 0.3/1.4, CL 2,800, Ca 60, gels 1/3, wall cake 2/32<sup>ND</sup>. CC: \$446,487.
- 10/23/94 7760' Drlg. 135½ hrs. Drlg, pmp pill, TOO H for bit. RS, work BOP's. TIH w/bit #7. Fill pipe, W&R 35' to btm, no fill. Drlg. Mesaverde top @ 7700', BG 500u, CG 1500u, TG 2000u, 75% sh, 20% ss, 5% coal, no shows. Mixed 4 drms Ancho Rope w/200 bbls mud (2.6% by vol), pmpd around w/no increase in P. Rate, discontinued use. Boiler 12 hrs. MW 9.5, vis 40, FL 14, PV 14, YP 12, solids 7%, pH 9, ALK 0.15/1.3, CL 2,600, Ca 100, gels 7/10, wall cake 2/32<sup>ND</sup>. CC: \$463,571.
- 10/24/94 7960' Drlg. 200½ hrs. Drlg, RS, check BOP's. Drlg. Trip for press loss, washed tool jt, btm std 35, top std 36. Fill pipe, W&R 40', no fill. Drlg. Mesaverde 90% sh, 10% ss, BG 250u, CG 500u, TG 750u. Drlg breaks: 7822-28', P/R 10-2/3-7, F/G 120-300-120, 100% ss; 7860-90', P/R 8-2-8, F/G 300-500-300, 100% ss. Boiler 8 hrs @ 14 hr = 112. MW 9.6, vis 39, FL 14.4, PV 10, YP 14, solids 8%, pH 9.3, ALK 0.3/1.4, CL 2,500, Ca 80, gels 8/12, wall cake 2/32<sup>ND</sup>. CC: \$472,422.
- 10/25/94 8067' Magna flux BHA. 107½ hrs. Drlg while making conn, drlg side break band broke, stack all wt on bit. Rig repair, repair brake bands on both sides. POOH w/bit & check BHA. Change bit,

**COASTAL OIL & GAS CORPORATION**  
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magna flux BHA & PU 3 DC's. Mesaverde 50% sh, 50% ss, BG 600, CG 860. Drlg breaks: 7977'-8004', P/R 6-2-5, F/G 500-800-500; 8038-44', P/R 6-4-6, F/G 600-750-600. Boiler 12 hrs @ 14 = 168. MW 9.6, vis 40, FL 16.4, PV 12, YP 14, solids 8%, pH 9.2, ALK 0.3/1.6, CL 2,700, Ca 80, gels 8/13, wall cake 2/32<sup>ND</sup>. CC: \$488,915.

- 10/26/94 8340' Drlg. 273'/20½ hrs. TIH w/bit. Circ & wash 45' to btm, 25' fill. Drlg, RS & function BOP's. Drlg. Mesaverde 50% sh, 50% ss, BG 350, CG 640, TG 1600. Shows: #6 8094-100', P/R 5-2-6, F/G 600-1100-350, 100% ss; #7 8114-20', P/R 6-2-8, F/G 400-800-500, 100% ss; #8 8212-18', P/R 5-2½-5, F/G 400-750-500, 100% ss; #9 8280-97', P/R 5-2½-5, F/G 150-350-200, 100% ss; #10 8313-14', P/R 7-3½-5, F/G 170-360-300, 100% ss. Boiler 12 hrs @ 14 = 168. MW 9.7, vis 37, FL 19.2, PV 9, YP 11, solids 9%, pH 9.4, ALK 0.4/1.6, CL 2,000, Ca 10, gels 6/12, wall cake 2/32<sup>ND</sup>. CC: \$499,551.
- 10/27/94 8690' Drlg. 350'/23½ hrs. Drlg, RS. Drlg. Mesaverde 60% ss, 40% sh, BG 600, CG 2000. Shows: #11 8317-18', P/R 5-4-5, F/G 350-810-350; #12 8358-78', P/R 6-2-7, F/G 300-700-400; #13 8402-54', P/R 5-2-6, F/G 200-700-350; #14 8580-600', 5-2-6, F/G 200-1500-800. Boiler 24 hrs @ 14 = 336. MW 9.9, vis 37, FL 12.8, PV 12, YP 6, solids 10.4%, pH 9.5, ALK 0.3/1.4, CL 1,700, Ca 100, gels 2/8, wall cake 2/32<sup>ND</sup>. CC: \$508,208.
- 10/28/94 8828' Drlg. 138'/12½ hrs. Drlg, circ & cond & raise mud 10.1 for trip. POOH for bit, change bit & TIH & tag @ 8581'. Break circ & W&R 8581'-8761' & work JS. Drlg. Mesaverde 90% sh, 10% ss, BG 200, CG 550, TG 500, go thru gas buster 20' flare. Shows: #15 8654-82', P/R 4-2½-8, F/G 300-600-600, 90% ss; #16 8694-714', P/R 9-3-10, F/G 600-100-300, 90% ss; #17 8767-75', P/R 6-3-6, F/G 200-400-200, 80% ss. Boiler 18 hrs @ 14 = 252. MW 10.0, vis 40, FL 13.2, PV 12, YP 7, solids 10.4%, pH 9.6, ALK 0.5/1.6, CL 1,700, Ca 100, gels 2/8, wall cake 2/32<sup>ND</sup>. Svy: MR @ 8761'. CC: \$523,195.
- 10/29/94 9130' Drlg. 302'/23½ hrs. Drlg, RS & function BOP's. Drlg. Mesaverde 50% ss, 50% sh, BG 80, CG 150. Shows: #18 8798-820', P/R 5-3½-6, F/G 200-500-200, 90% ss, 10% sh; #19 8850-88', P/R 7-2.4-7, F/G 200-400-300, 90% ss, 10% sh. Boiler 24 hrs @ 14 = 336. MW 10.1, vis 39, FL 11.2, PV 14, YP 7, solids 10.4%, pH 9.5, ALK 0.5/1.7, CL 1,700, Ca 100, gels 2/8, wall cake 2/32<sup>ND</sup>. CC: \$532,185.
- 10/30/94 9308' Circ & cond, raise mud wt for trip. 178'/19½ hrs. Drlg, RS & function BOP's. Drlg. Circ & cond mud, raise mud wt 11.0 for trip. 1 hr time change. Mesaverde 50% sh, 50% ss, BG 350, CG 600. Shows: #20 9104-24', P/R 7-2-6, F/G 80-350-175, 60% ss, 40% sh; #21 9156-66', P/R 7-2-7, F/G 100-300-150 thru gas buster, 70% ss, 30% sh; #22 9173-79', P/R 6-3-6, F/G 150-320-200 thru gas buster, 70% ss, 30% sh & CO<sub>2</sub>. Boiler 15 hrs @ 14 = 210. MW 11.0, vis 41, FL 14.4, PV 17, YP 8, solids 14.9%, pH 9.5, ALK 0.6/2.6, CL 1,500, Ca 80, gels 3/9, wall cake 2/32<sup>ND</sup>. CC: \$541,757.
- 10/31/94 9450' Drlg. 142'/13½ hrs. Pmp pill, drop svy & TFNB. Cut drlg line, well flwg ¾" stream. Finish TIH w/bit. Break circ & W&R 90' to btm, 20' out of gauge hole, no fill & work JS. Drlg, RS & change rot hd rubber & function BOP's. Drlg. Mesaverde 80% sh, 20% ss, BG 200, CG 400, TG 1500 thru gas buster, 25' flare. Show #23 9336-48', P/R 7-3-6, F/G 300-800-200, 90% ss, 10% sh. Boiler 16 hrs @ 14 = 224. MW 11.0, vis 39, FL 12.0, PV 18, YP 8, solids 14.9%, pH 9.5, ALK 0.7/2.7, CL 1,700, Ca 60, gels 2/8, wall cake 2/32<sup>ND</sup>. Svy: 1¼° @ 9273'. CC: \$556,665.
- 11/1/94 9506' TOOH w/magnet. 56'/7 hrs. Drlg. Circ, drlg break, raise MW to 11.9. POOH w/bit, lost 3 cones. PU magnet, TIH. Break circ, circ out gas. Work magnet. Chain out of hole. Mesaverde 30% sd, 70% sh, BG 200, CG 550, TG 2500, 20' flare 10 min. Shows: #24 9480-86', P/R 10-4-11, F/G 340-280-520, 90% sd, 10% sh, TR coal; #25 9500-6', P/R 8-3½-INC, F/G 300-550-INC. Boiler 16 hrs. MW 12, vis 45, FL 9.2, PV 26, YP 9, solids 20%, pH 9.5, ALK 0.7/2.7, CL 1,700, Ca 60, gels 3/9, wall cake 2/32<sup>ND</sup>. CC: \$571,100.
- 11/2/94 9506' POOH w/flat bladed mill. POOH w/magnet & chain out, retrieved 2 cones. TIH w/magnet. Break circ & circ out trip gas, work magnet. POOH w/magnet & chain out, no recovery. LD magnet & clean JS. PU 6" flat bladed mill & TIH. Mill on cone, made 6" to 8" of hole. Pmp pill & POOH

**COASTAL OIL & GAS CORPORATION**  
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**NBU #221X**  
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w/mill. BG 150, TG 2750. Boiler 16 hrs @ 14 = 224. MW 11.9, vis 43, FL 9.8, PV 25, YP 7, solids 20%, pH 9.7, ALK 1.0/3.0, CL 1,600, Ca 60, gels 3/9, wall cake 2/32<sup>ND</sup>. CC: \$579,212.

- 11/3/94 9600' Drlg + TD. 94'/16 hrs. Finish POOH w/mill, mill flat off pretty good & clean JS, piece of cones & buttons. RS & function BOP's. PU bit, JS & TIH. Break circ & W&R 40' to btm, 10' out of gauge hole. Drlg. Mesaverde 50% ss, 50% sh, BG 100, CG 150, TG 1500. Shows: #25 end @ 9512', no inc gas; #26 9565-83', P/R 12-6-14, F/G 80-250-50, 80% ss, 20% sh. Boiler 16 hrs @ 14 = 224. MW 11.9, vis 56, FL 8.8, PV 36, YP 11, solids 21%, pH 9.8, ALK 1.4/3.7, CL 1,500, Ca 60, gels 4/12, wall cake 2/32<sup>ND</sup>. CC: \$594,412.
- 11/4/94 9606' TOOH for liner. Circ & cond for short trip. Short trip to shoe 27 stds, ok, no fill. Circ & cond for logs. POOH for logs & SLM out strap 9606.75'. RU HLS & run DLL GR, Cal & DN TD-7100', logger depth 9604', temp 191° & RD HLS. TIH w/bit. Cut drlg line. Finish TIH w/bit. Break circ & wash 30' to btm, no fill. Circ & cond for liner. Pmp pill & POOH for liner. Boiler 16 hrs @ 14 = 224. MW 11.9, vis 86, FL 9.4, PV 46, YP 12, solids 21%, pH 11.0, ALK 1.6/3.8, CL 1,800, Ca 120, gels 12/34, wall cake 2/32<sup>ND</sup>. CC: \$611,893.
- 11/5/94 9606' WO cmt. POOH. RU Westates & LD 23 DC's. Ran 62 jts 5" 18# L-80 w/Baker shoe & ins, float & liner hanger, total 2798.04'. Turbolators on every other jt. TIH w/liner on 3½" DP. Circ & cond, hang liner. Cmt w/Halliburton, pmpd 2 bbls SuperF, 10 bbls FW, 440 sx 50/50 Poz w/2% gel, 0.4% CBL, 10% salt, 0.7% Halad 413 & 0.8% CFR-3, wt 14.2, yld 1.28. Displ w/94 bbls 11.9 mud, plug bumped, float held. Circ throughout job, comp @ 8:00 PM on 11/4/94. Flwd back 4 stds. POOH. TIH (pull DP rubbers). WO cmt & circ @ 4000'. CC: \$690,813.
- 11/6/94 9606' Clean mud tanks. WO cmt. TIH, tag @ 6108'. Drill cmt to 6802' (694'). Circ & cond. LD 3½" DP & 4¾" DC. Clean mud tank & ND BOP. CC: \$700,353.
- 11/7/94 9606' RDRT. Clean mud tanks. Rig rel @ 10:00 AM on 11/6/94. CC: \$701,603. **FINAL DRILLING REPORT.**

**THE COASTAL CORPORATION  
PRODUCTION REPORT  
CHRONOLOGICAL HISTORY**

Page 1

**NBU #221X (Completion)**  
Natural Buttes Field  
Uintah County, UT  
WI: 100% COGC AFE: 14689R1  
TD: 9606' PBD: 9550'  
Csg: 5" @ 9600'

11/11/94 **PO: POH w/tbg & mill.** Clean & level location. Set anchors. MIRU Colo. Well Service rig #26. NU BOP. PU & RIH w/6-1/8" mill, csg scraper & 2-3/8" tbg to top of 5" liner @ 6802'. Circ drlg mud out of hole w/3% KCl wtr. Start POH w/tbg. SDFN.  
DC: \$5,700 CC: \$5,700

11/12/94 **PO: Prep to spot completion fluid.** Finish POOH w/tbg & 6" mill. RIH w/4-1/8" mill & csg scraper, could not get below 6808' (6' below liner top). RU power swivel, drld out 1' cmt & aluminum seat. PU tbg, RIH & tag PBD @ 9492', drld cmt from 9492' to FC @ 9550'. Circ hole w/3% KCl wtr. POOH 1 std. SDFN.  
DC: \$4,910 CC: \$10,610

11/13/94 **PO: Prep to run logs.** RU HOWCO, pull tbg to 9510', spot 24 bbl treatment fluid across zone to be perforated. RD HOWCO, LD extra tbg, POOH. SD for weekend.  
DC: \$4,700 CC: \$15,310

11/15/94 **PO: Swab well down.** RU Cutters WL, run GR-CCL-CBL from 9543'-1300', good bond. TOC @ 1600', held 1700 psi throughout log. RD Cutters, RIH w/tbg, prep to pressure test & swab well down.  
DC: \$7,600 CC: \$22,910

11/16/94 **PO: Prep to POOH.** Pressure test csg to 5000 psi - OK, EOT @ 8100', swab recover 234 bbl FFL 6300' SDFN.  
DC: \$2,200 CC: \$25,110

11/17/94 **PO: Prep to test pkr & NU tree.** Finish swabbing well down to 8150', POOH w/tbg. PU Vann guns & arrowset 10K pkr, run Gamma Ray log & guns, set pkr w/15,000#. SDFN.  
DC: \$8,700 CC: \$33,810

11/18/94 **PO: Flow-backflow-perf-stim.** NU tree, load annulus pressure to 3500 psi, RU NOWCO. RU lubricator & bar, pressure tbg to 9244 psi, drop bar and perforate Mesaverde interval consisting of the following: 9,110', 9,114', 9,124', 9,126', 9,162', 9,163', 9,166', 9,224', 9,225', 9,288', 9,289', 9,342', 9,343', 9,366', 9,374', 9,390', 9,394', 9,506' and 9,510'. Perforated using 22.7 gm RDX charges (0.39" hole size) @ 180 degree phasing. When guns fired pressure dropped to 6300 psi in 30 sec., pump 100,000 scf N<sub>2</sub> 6300 psi, 3700 scfm. ISIP 6250#. Flow back immediately on 11/64" choke.  
DC: \$25,900 CC: \$58,270

**Flowback After Perf-Stim.**

	<u>TP,psi</u>	<u>CP,psi</u>	<u>CH</u>	<u>H<sub>2</sub>O bbls.</u>
2:00	3400	3700	11/64"	0
3:00	450	bled off	20/64"	3
		1000		
4:00	400	1000	20/64"	3
5:00	250	1400	20/64"	3
6:00	250	1400	20/64"	3
7:00	200	1450	20/64"	light mist
8:00	200	1450	20/64"	light mist
9:00	200	1450	20/64"	light mist
10:00	150	1450	20/64"	0
11:00	200	1450	20/64"	0
12:00	250	1450	20/64"	0
(midnight)				

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #221X (Completion)  
Natural Buttes Field  
Uintah County, UT  
WI: 100% COGC AFE: 14689R1  
TD: 9606' PBD: 9550'  
Csg: 5" @ 9600'

Page 2

	<u>TP,psi</u>	<u>CP,psi</u>	<u>CH</u>	<u>H<sub>2</sub>O</u>	
1:00	250	1500	20/64"	0	
2:00	250	1500	20/64"	0	
3:00	250	1500	20/64"	0	
4:00	250	1450	20/64"	0	
5:00	250	1450	20/64"	0	
6:00	200	1450	20/64"	0	
7:00	200	1500	20/64"	0	500 MCF

11/19/94 150# TP, 1500# CP, 20/46" CHK, 0 H<sub>2</sub>O, 400 MCF.

11/20/94 **PO: Finish POOH w/fish.** FTP 150#, SICP 1500#, kill well, release pkr. POOH left bottom sub off pkr in hole., pkr sub parted off pkr mandrel. RIH w/spear, engage pkr start POOH. SDFN.  
DC: \$19,600 TC: \$79,310

11/21/94 **PO: RIH w/prod string.** Bled well off, finish POOH & lay down pkr body, release spear. RIH, engage fish POOH same, lay down tbg & Vann guns, start RIH w/2-3/8" prod tbg. SDFN.  
DC: \$5,100 TC: \$83,410

11/22/94 **PO: Flow testing.** Finish RIH w/tbg for production. total 209 jts, landed @ 6727' w/notched collar on bottom, SN 1 jt above & 10' blast joint on top. ND BOP, NU wellhead. RD & MO Colo. Well Serv. rig #26.  
DC: \$19,150 TC: \$102,560

11/24/94 **PO: Flow back after frac.** MI & RU Western frac equipment. Frac MesaVerde perms 9110'-9510' w/80,052 gal 35# borate gel w/180,000# 20/40 sand. Avg IR 27 BPM @ 4200 psi. Screened out w/12 bbls 5 ppg sand in formation. Flow back to pit 1-1/2 hrs. Start flow back on 20/64" ck @ 6:30 PM. 1906 BLWTBR.  
DC: \$71,000 TC: \$173,560

<u>Time</u>	<u>Tbg,psi</u>	<u>Csg,psi</u>	<u>CHK</u>	<u>H<sub>2</sub>O,bbls.</u>	<u>Sand</u>
6:30 PM	2800	1800	20/64"	30	hvy
7:00	600	850	"	30	"
8:00	450	50	"	25	No
9:00	450	50	"	25	No
10:00	450	50	"	25	"
11:00	450	100	"	25	"
12:00	450	100	"	25	No
1:30 AM	450	450	"	20	tr
2:00	450	500	"	15	tr
3:00	400	650	"	10	No
4:00	400	800	"	10	No
5:00	350	850	"	10	No
6:30	375	1000	"	10	No
				260	

600 MCF

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 3

NBU #221X (Completion)  
Natural Buttes Field  
Uintah County, UT  
WI: 100% COGC AFE: 14689R1  
TD: 9606' PBD: 9550'  
Csg: 5" @ 9600'

11/25/94	Flwg 1.0 MMCF; 700# TP; 1050# CP; 5-10 B/H, 120-240 B/D H <sub>2</sub> O; 20/64" chk.
11/26/94	Flwg 700 MCF; 540# TP; 890# CP; 5-10 B/H, 120-240 B/D H <sub>2</sub> O; 20/64" chk.
11/27/94	Flwg 700 MCF; 400# TP; 675# CP; 3-5 B/H, 70-120 B/D H <sub>2</sub> O; 20/64" chk.
11/28/94	Flwg 500 MCF; 360# TP; 625# CP; 5-7 B/H H <sub>2</sub> O; 20/64" chk.
11/29/94	Flwg 500 MCFPD; 120 BWPD; 360# TP; 560# CP; 20/64" chk.
11/30/94	Flwg 500 MCFD; 100 BWPD; 350# TP, 520# CP; 20/64" chk.
12/02/94	Shut in. Prep to do top down cement job. MI & RU Western-Atlas. Ran after frac prism log from LTD @ 9489' to 9000'. DC: \$5,580 CC: \$179,140
12/03/94	Shut in. MI&RU Western Co. Cmt 9-5/8"-7" csg annulus w/20 bbl LCM pill, 55 sx Super G + 2% CaCl <sub>2</sub> + .7% CF-2 + 4#/sk Hi Seal 3 + 1/4#/sk Cello Seal & 100 sx Super G + 2% CaCl <sub>2</sub> + .7% CF-2 vacuum throughout job. RD & MO Western. DC: \$5,630 CC: \$184,770

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☐

GAS ☒

OTHER: **CONFIDENTIAL**

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages:

654' FNL & 646' FWL

QQ, Sec., T., R., M.:

NW NW Section 34-T9S-R21E

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandonment

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Multiple Completion

☒ Other CO

☐ New Construction

☐ Pull or Alter Casing

☐ Recompletion

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

### SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandonment \*

☐ Casing Repair

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☐ New Construction

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☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

Approximate date work will start

Upon Approval

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed in the subject well.

13.

Name & Signature:

*Sheila Bremer*

Sheila Bremer

Title: Environmental & Safety Analyst

Date:

08/22/95

(This space for State use only)

*taa credit  
3/26/96*



# **NBU #221X MESAVERDE BORATE CLEAN-UP PROCEDURE**

**Section 34 T9S R21E  
Natural Buttes Field  
Uintah County, Utah**

**Date: 6-30-95**

## **WELL DATA**

Location: 654' FNL & 646' FWL  
Elevation: 4,983' GL, 4,995' KB  
Total Depth: 9,606' PBTD: 9,554'  
Casing: 9<sup>5</sup>/<sub>8</sub>" 36# K-55 ST&C @ 262'  
7" 23# CF-95 LT&C @ 7,100'  
5" 18# L-80 HDL from 6,802' to 9,600'  
Tubing: 2<sup>3</sup>/<sub>8</sub>" 4.7# N-80 EUE @ 6,727'

## **CASING & TUBULAR DATA**

<b>Description</b>	<b>ID</b>	<b>Drift</b>	<b>Capacity (B/F)</b>	<b>Burst (PSI)</b>	<b>Collapse (PSI)</b>
9 <sup>5</sup> / <sub>8</sub> " 36# K-55 ST&C	8.921"	8.765"	0.0773	3,520	2,020
7" 23# CF-95 LT&C	6.366"	6.250"	0.0393	7,530	5,650
5" 18# L-80 HDL	4.276"	4.151"	0.0177	10,140	10,500
2 <sup>3</sup> / <sub>8</sub> " 4.7# N-80 EUE	1.995"	1.901"	0.00387	11,200	11,780

## **PRESENT STATUS**

Mesaverde PerfStimed @ 9,110', 9,114', 9,124', 9,126', 9,162', 9,163', 9,166', 9,224', 9,225', 9,288', 9,289', 9,342', 9,343', 9,366', 9,374', 9,390', 9,394', 9,506', and 9,510' with 19 - 0.39" holes on 11-18-94. Fraced interval w/ 80,052 gals of borate gel and 180,000# of sand before well screened out on 11-24-94. Well has produced 40 MMCF through 5-31-95. Current producing rate is +/- 275 MCFPD.

**PROCEDURE**

1. Check PBTD w/ wireline for frac sand fill. If sand fill is covering perfs, clean out with coiled tubing unit.
2. MIRU Halliburton and pump the following treatment procedure to remove borate gel formation damage from Mesaverde interval (9,110' - 9,510'):

Stage	Fluid Volume (Gals)	Fluid Additives	Nitrogen Rate (SCF/BBL)
15% HCL Pickle Acid	1,000	2 Gal/M HAI-85M 2 Gal/M SSO-21M	700
Acid Preflush	2,000	FRESHWATER BASE FLUID 6 Gal/M CLA-STA-XP 2 Gal/M CLAYFIX II 10 Gals/M FE-1A 25#/M FERCHER-A 2 Gals/M SSO-21M	700
Borate Gel Removal Fluid	2,500	10% MSA ACID BASE FLUID 1 Gal/M CLA-STA-XP 25#/M FERCHER-A 2 Gal/M MSA II 167 Gal/M OXOL II 2 Gal/M SCALECHEK LP-55 2 Gal/M SSO-21M	700
Nitrogen Flush			

**NOTES:**

- A. Maximum Surface Treating Pressure Allowed - 5,000 psig
- B. Catch produced water fluid sample before treatment and monitor flow back after treatment for 24 hrs. Catch fluid samples during flow back for analysis.

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5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐

GAS ☒

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well:

Footages:

654' FNL & 646' FWL

QQ, Sec., T., R., M.:

NW NW Section 34-T9S-R21E

County: Uintah

State: Utah

11.

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandonment

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Multiple Completion

☒ Other Perforate, fracture

☐ New Construction

☐ Pull or Alter Casing

☐ Recompletion

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

Approximate date work will start

Upon Approval

### SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandonment \*

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Other

☐ New Construction

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☐ Shoot or Acidize

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☐ Water Shut-Off

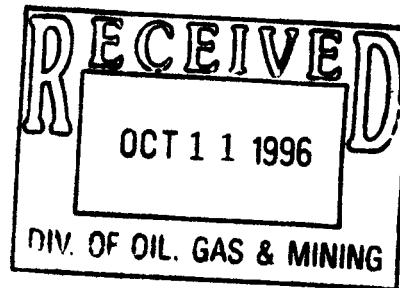
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

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Please see the attached workover procedure for work to be performed in the subject well.



13.

Name & Signature:

*Bonnie Carson*

Bonnie Carson

Title Senior Environmental Analyst

Date 10/07/96

(This space for State use only)

*Matthew*

*Petroleum Engineer*

10/11/96

PERFORATION SCHEDULE  
NBU 221X  
Natural Buttes Unit  
NW/NW Section 34, T9S-R21E  
Uintah County, Utah

DEPTH REFERENCE: Halliburton Density-Neutron Run #2 (11/3/94)

8815	8412	8150	7407
8807	8377	8123	7396
8454	8369	8102	7347
8438	8178	7887	
8429	8166	7880	
		7873	PS

Gross Wasatch/Mesaverde interval 7,347'-8,815' 10 zones, 18 feet

RJL  
R.J.L. 3/26/96

# WORKOVER PROCEDURE

**NBU 221x**

NW NW Section 34-9S-21E

Uintah County, UT

October 2, 1996

ELEVATION: 4983' GL; 4995' KB  
TOTAL DEPTH: 9600' PBTD: 9550'  
CASING: 7" 23# CF-95 LT&C set @ 7100'  
5", 18#, L-80 liner f/6802' to 9600'  
TUBING: 2-3/8", 4.7#, N-80 set @ 6727'  
PERFORATIONS: Current 9110-9510' (Mesaverde)  
Proposed 7347-8824' (Mesaverde)

**OBJECTIVE:** Sand-off existing perforations. Recomplete the interval 7347-8824' with three fracture stimulations isolating the first with a packer w/ball assy and the second with a sand plug. Flow back immediately after pumping the third stimulation. Clean-out w/CTU. The production tubing will be jointed or coiled depending on the market price for coil.

## PROCEDURE:

### 1) Prior to rig-up:

- ensure that a planning meeting has been held to include the frac and perf services and the rig company. Three fracture treatments (steps 7-12) are intended to be completed in a single day. Cover logistics and safety issues for the following procedure.
- Call the CT vendors regarding the cost of a used string of 1-3/4" or 2" coil. If the price is less than \$2/ft, the economics favor landing the coil as the production string.

### Day 1

- 2) MIRU pulling unit. Clean flat tank thoroughly prior to initiating circulation. Control well. ND WH, NU BOP's.
- 3) PU 2-3/8" tubing and TIH f/6727' to PBTD. Verify the 2/10/96 S/L TD of 9137'.
- 4) RU cementer unit to mix & spot a sand plug w/top at  $\pm 9000'$  using KCl water. Per the DS engineering handbook:
  - Fill up in 5" 18# casing requires 10.67 lb 20/40 sand per ft.
- 5) PU above sand slurry top and allow sand to fall 1 hour. Slack-off and verify sand top then pressure test casing and sand plug to 5000 psi.
- 6) Spot 400 gal 15% HCL w/additives from 8815' to  $\pm 8275'$ . PU and land tubing at 8275'.
- 7) RU W/L. Expect a wellhead pressure of up to 2500 psi for all gun runs. RIH w/1-11/16" select-fire guns, 0° phasing, magnetically decentralized, loaded 4 spf ( $\pm 0.2"$  entry hole). All depths correlate to Halliburton Density-Neutron Run #2 11/3/94.

8815'	8807'	8454'	8438	
8429'	8412'	8377'	8369'	(32 total holes)

Note: The number of holes appears high because the 1-11/16" gun makes a hole approximately 75% smaller than casing guns.

- 8) RD WL lubricator. Breakdown perforations 8369-8815' w/an additional 500 gal 15% HCL w/42 ball sealers. Flow/swab load back and continue flowing overnight.

### Day 2

- 9) Control well. POOH w/tubing (L/D tbg if CT will become the production string & RDMO PU).

### Day 3

- 11) F W/L. Set 5" MSOT Arrow-Pak packer with pipe, 1-3/8" ball seat and 1-3/4" ball at  $\pm 8185'$ . Test packer and ball to 5000 psi. RIH w/3-1/8" select-fire guns loaded 2 spf. Perf as follows:

8178'                      8166'                      8150'                      0  
8123'                      8102'                      (12 total holes)

- 12) RD WL lubricator. RU frac service. The forthcoming recommendation will include a schedule to frac with  $\pm 100,000\#$  20/40. Displace frac to top perf as follows:

	Liquid Volume, bbls	Slurry Volume, bbls	Cum Volume
2000# sand plug mixed at 10 ppg	5	7	7
500 gal 15% HCL	12	12	19
KCl Water	271	271	290

- 13) Wait 1.5 hours for plug to settle (anticipated top at 8000'). If necessary, pump plug in place at 1-2 bpm until test is achieved. Test sand plug to 4000 psi (a pump-in rate of 0.5 bpm at 5000 psi is acceptable due to the permeability of 20/40 sand).

Note: As back-up, have a 5" Arrow-pak w/tailpipe, 1-7/8" ball seat and 2-1/4" ball on location in case sand-plug fails to hold.

- 14) RU W/L. RIH w/3-1/8" select-fire guns loaded 2 spf. Tag top of sand plug and note on daily report. Perf as follows:

7887'                      7880'                      7873'  
7407'                      7396'                      7347'                      (12 total holes)

- 15) RDMO WLS. RU frac service and flowback manifold. The forthcoming recommendation will include a schedule to frac with  $\pm 150,000\#$  20/40. Flowback  $\pm 15$  bbls at 3 bpm. Reduce rate to 1-2 bpm and flow to pit overnight. If detected, note time at which 1-3/4" ball reaches surface.

#### Day 4

- 16) RU 2" or 1-3/4" CTU, N2 pump and fluid pump capable of 2-3 bpm at 3500 psi.

A.) RIH w/mule shoe. Make clean-out trip through bore of packer. Circ hole clean, POOH.

B.) RU Arrow-pack retrieving head and hydraulic disconnect and RIH. Wash down to packer at 8185'. Latch pkr and POOH. Maintain circulation while in the 5" liner.

- 17) Make last CT run as follows:

If jointed tubing will remain the completion string:

- RIH to top of sand plug at 9000'. Foam fluids and clean-out to PBTD at 9550'. Circulate a 60-70 quality foam at a minimum liquid rate of 2 bpm.
- Circ hole full of KCl and note SITP. Weight up brine necessary to control well or call out snubbing unit. POOH and RD CTU.
- TIH w/2-3/8" tbg snubbing if necessary. Spot EOT 250' above PBTD. Swab & RDMO.

If the coil will remain as the production string (2-3/8" tubing already LD in step 9):

- RU CT access window and TIH w/check-valve wash tool and blanking plug on BHA.
- Foam fluids and CO to 9550'. Circulate 60-70 quality foam at a min liquid rate of 2 bpm. Circulate until returns are clean.
- Pump plug and seat. Land tubing 250' above PBTD. ND BOP/NU tree. Pump out plug and jet well in if necessary. RDMO.

TWH  
TWH

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

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OIL ☐

GAS ☒

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 654' FNL & 646' FWL

County: Uintah

QQ, Sec., T., R., M.: NW NW Section 34-T9S-R21E

State: Utah

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☒ Other

☐ New Construction

☐ Pull or Alter Casing

☐ Recompletion

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

Approximate date work will start

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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☐ Casing Repair

☐ Change of Plans

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☐ Fracture Treat

☒ Other Perforate, fracture

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☐ Pull or Alter Casing

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

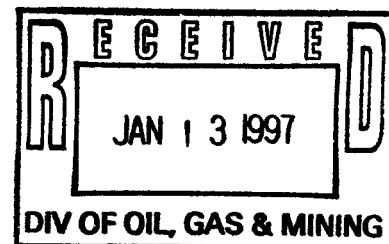
Date of work completion 12/29/96

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Perforated and fractured perf intervals. Please see the attached chronological history for operations performed on the subject well.



13.

Name & Signature:

*Sheila Bremer*

Sheila Bremer

Title Environmental & Safety Analyst

Date

01/10/97

(This space for State use only)

WO fax credit 9/97.

---

**Perf Wasatch (8364-8815' & 7347'-7887'), Frac'd Perf Intervals**

- 11/20/96 7am TP 300 psi, CP 500 psi. Bleed off. MIRU Colorado Well Service Rig #26. Tbg dead - RD tree - RU BOPs. Pmpd 80 bbls 3% KCl down csg, well dead. PU & RIH 80 jts 2 3/4" tbg. Tag @ est 9230', 100' deep. MIRU DS. Mix 2000# 20/40 sd in gelled 3% KCl - (12 bbls). Pmp 30 bbls KCl, 12 bbls sd, 24 bbls 3% KCl. RD DS. POH 40 stds tbg. SDFN  
DC: \$6,125 TC: \$6,125
- 11/21/96 SITP 0 psi, SICP 0 psi. RIH tbg & tag sd @ 9091'. Call for more sd. MIRU DS. Mix 1000# 20/40 into 6 bbls 3% KCl - gelled fluid. Pmp down tbg. Displace w/30 bbls KCl fluid. POH tbg to top of liner. Wait 1 hr. Start fill hole. RIH tbg & tag @ 9010'. Finish fill hole. PT csg to 5000 psi - held. POH to 8815'. Spot 400 gals 15% HCl + additives. POH to 8280'. MIRU Cutter WL. RIH 1 11/16" select fire gun 4 JSPF. Shoot 8815', 8807', 8454'. Gun mis-fired, POH. Repair gun, RIH shoot 8438', 8429', 8412', 8377', 8369'. POH & RD Cutter. Spot 500 gals HCl + additives to EOT. Break down perfs. Start break down 2 BPM. Broke @ 3310' - Increase rate to 2.5. Saw ball action, max/avg psi = 3800/3500#, ISIP/5=3000/2370#. SD & rls DS. 42-1.1 sp gr balls in last 500 gals HCl. SDFN  
DC: \$9,086 TC: \$15,211
- 11/22/96 SITP/SICP 1800#. Bled to pit. Tbg flwg. Pmpd 20 BBLS into tbg & load csg. Land tbg. ND BOP's, NU tree. RDMO to CIGE #118. Will recommence w/o following CIGE 118 sd wshg oper.
- 11/23-25/96 Flw well to pit. FTP 0 psi, FCP 300 psi, 48/64" chk. Kill well. POOH & LD tbg. Install frac valve.
- 11/26/96 Frac perfs 8369-8815' w/50000# 20/40 sd. ATP 3300 psi @ 25 BPM. ISIP/15=3075/ 2800 psi. Load: 1070 BBLS. RU WL. Set 5" XLW pkr w/ball & seat @ 8190'. Perf 8102-78', 12 holes. Frac w/50000# 20/40 sd. ATP 3700 psi @ 26 BPM. ISIP/15=2950/2730 psi. Load: 1048 BBLS. Perf 7347-7887', 12 holes. Set Arrow-Pak pkr w/ball & seat @ 7900'. Frac w/99000# 20/40 sd. ATP 3100 psi @ 27 BPM. ISIP 2800 psi. Load: 1426 BBLS. Start flwback @ 3.5 BPM @ 2550 psi. Total load: 3544 BBLS. Rec 1150 BLW, 2394 BLWTR



11/27/96 Flwg est 2000 MCFD, 20 BWPH, FCP 1150 psi, 20/64" chk. Will turn to sales today.

11/29/96 Try to put on at 8am. CIG down - selling 96 - 4/2pm. CP 1500 psi on 10/64" chk. Not dumping yet. At 7am, Flowing 451 MCF, 65 BW, 1650 TP, 360 CP, on 12/13/64" chk.

11/30/96 Flowing 878 MCF, 50 BW, -- TP, 1100 CP, on 13/64" chk. 22 hrs prod

12/01/96 Flowing 947 MCF, 70 BW, 800 TP, 800 CP, on 13/64" chk.

12/02/96 Flowing 1499 MCF, 80 BW, 500 CP, on 13/64" chk.

12/03/96 Flowing 1011 MCF, 50 BW, 950 CP, on 14/16/64" chk. Rocked choke.

12/04/96 Flowing 702 MCF, 40 BW, 400 CP, on 16-20/64" chk.

12/05/96 Flowing 661 MCF, 30 BW, 375 CP, on 20-22/64" chk.

12/06/96 Flowing 641 MCF, 30 BW, 290 CP, on 22/64" chk.

12/07/96 Flowing 601 MCF, 15 BW, 280 CP, on 25/64" chk.

12/08/96 Flowing 565 MCF, 15 BW, 275 CP, on 25/64" chk.

12/18/96 MIRU Colorado Well Service Rig #26. Pmp & tank & misc equip. MI 3% KCl wtr & heat. Well flowing to production  
DC: \$2,590 TC: \$93,283

12/19/96 Pmp 300 bbls 3% KCl to kill well. RD, frac vlvs. RU BOPs - PU pkr retriever. RIH on 2 1/2" tbg 213 jts. Well start to kick pmp 100 bbls around. CIH 250 jts total, tag @ 7980' KB. POH 20 stds. SDFN  
DC: \$4,836 TC: \$98,119

12/20/96 At 7am, SITP 60 psi, SICP 60 psi. Bleed off. RIH 20 stds, RU stripping rubber. Circ down jt #251, pull 10,000 over to move up, work pipe. POH top of liner, no more drag. POH, LD pkr, exchange retrieving tool. RIH, tag to 8025'. RU stripping rubber, reverse circ sd to 8190'. Tag plug, wash retriever onto pkr. Circ btm up. Work tbg to rls pkr. POH 25 stds above liner. SDFN  
DC: \$3,302 TC: \$101,421

12/23/96 Blowing to pit 50-75 BW, 480 TP, 890 CP, on 20/64" chk. At 7am, TP 500 psi & CP 850 psi.

12/24/96 Flowing 0 MCF, 0 BW, 1000 TP, 1275 CP, on 10/64" chk.

12/25/96 Flowing 486 MCF, 10 BW, 1100 TP, 1340 CP, on 12/64" chk.

12/26/96 Flowing 670 MCF, 30 BW, 350 TP, 920 CP, on 16/64" chk.

12/28/96 Flowing 754 MCF, 40 BW, 390 TP, 790 CP, on 18/64" chk.

12/29/96 Flowing 713 MCF, 40 BW, 390 TP, 700 CP, on 18/64" chk. **Final Report.**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-A-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐

GAS ☒

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

654' FNL & 646' FWL

County: Uintah

QQ, Sec., T., R., M.:

NW NW Section 34-T9S-R21E

State: Utah

11.

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandonment

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Multiple Completion

☒ Other Perforate, acidize, fracture

☐ New Construction

☐ Pull or Alter Casing

☐ Recompletion

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

Approximate date work will start

Upon Approval

### SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandonment \*

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Other

☐ New Construction

☐ Pull or Alter Casing

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

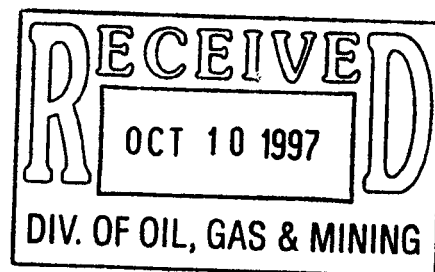
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached recompletion procedure for work to be performed in the subject well.



13.

Name & Signature:

Bonnie Carson

Title: Senior Environmental Analyst

Date: 10/03/97

(This space for State use only)

APPROVED BY THE COMMISSIONER  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 10/16/97

J. R. Byrnes

**NBU #221X-34-9-21**  
**NATURAL BUTTES FIELD**  
**SECTION 34 T9S R21E**  
**RECOMPLETION PROCEDURE** *HW*

**WELL DATA**

LOCATION: 654' FNL 646' FWL SEC. 34 T9S R21E  
ELEVATION: 4983' GR., 4995' KB.  
TD: 9606', PBTB 9550' (11/94); 8190' (12/96)  
CSG: 9 5/8", 36.0#, K-55 @ 252' w/ 140 SX.  
7" , 23.0#, C-95 @ 7100' w/ 1460 SX.  
5" , 18.0#, L-80 @ 6802-9600' w/ 440 SX.  
CMT ANNULUS w/ 155 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 6791'  
FORMATION: MESAVERDE (9110' - 9510') 7 SANDS 19 HOLES  
MESAVERDE (7347' - 8815') 10 SANDS 54 HOLES

**RECOMPLETION PROCEDURE - L.E. FRAC**

**Materials required: 153,900 # 20/40 sand, 1252 useable bbls**

1. MI & RU workover unit. Blow down & kill well w/ 2% KCL water. ND WH. NU BOP. RIH w/ tbg -tag & record PBTB. POOH w/ 2-3/8" tbg.
2. RU WL & RIH w/ 4" casing gun & CIBP. Set CIBP @ 6650'.
3. Perf Wasatch (5026'-6599') w/ 1 spf utilizing Halliburton's Density/Neutron log Run #1 (10/94). **Note pressure changes on report before and after each shot.**

5026'	5036'	5047'
5920'		
6035'	6051'	6066'
6180'		
6316'	6322'	6334'
6528'	6599'	

13 holes  
RD WL service.
4. PU 2-3/8" tbg & RIH to 6599'. RU service company. Spot 1176 gals 7-1/2% HCL acid w/ additives across perf's 5920'-6599'. PU & spot 165 gals 7-1/2% HCL acid w/ additives across perf's 5026'-5047'. PU & land tbg @ 4500' w/ blast jt @ surface. RD service company. ND BOP. NU WH.
5. Breakdown perf's 5026'-6599' w/ 20 bbls 7-1/2% HCL acid + 20 BS's (1.3 s.g.)- spaced evenly. Pump at 5-6 BPM until ball-out. Surge ball to re-establish injection and displace remaining acid into formation. Note injection pressure & ISIP. Flow well back on 18/64" choke over night to unseat BS's.

6. MI & RU frac equipment. Test lines to 6000 psi. Pump 20 bbls 2% KCL water for injectivity test to determine number of perf's open (13 holes).
7. **Frac Wasatch** (5026'-6599') - w/ 153,900 # 20/40 sand (traced w/ Scandium) & 20-25# gel. Pump per schedule attached. The following applies to frac:
  - A. Max. surface pressure will be 5,000 psi.
  - B. Frac down casing w/ tbg being dead string.
  - C. While spotting pads, take returns on tbg to min. injected fluids.
8. Commence flow back on 18/64" choke over night.
9. ND WH. NU BOP. Kill well & POOH w/ tbg. RIH w/ 2-3/8" tbg w/ 6-1/8" bit w/ SN located 1 jt above bit. Drill out CIBP @ 6650' & cleanout to 5" liner top @ 6802'. POOH w/ tbg & bit. RIH w/ tbg & 3-7/8" bit to clean out to 8875' (new PBTD - bottom perf @ 8815'). Cut tbg off 3-4' above bit. PU & land tbg at 8815'. ND BOP. NU WH. RD & MO WO rig.
10. Flow well to clean up. Swab if necessary. Install PLE and return well to sales.

DATE 09/24/97  
FOREMAN KB 4995' GL 4983'  
WELL J 221X  
FIELD NATURAL BUTTES

SECTION 34  
COUNTY UTAH  
STATE UT  
TWS: T9S  
RNG T21E

654' FNL 646' FWL

SPUD 8/25/94 COMPL 11/24/94

#### CASING RECORD

SIZE	WT	GRADE	THD	AT	CMT
9-5/8"	36.0#	K-55		252'	140 SX.
7"	23.0#	C-95		7100'	1460 SX.
5"	18.0#	L-80		6802-9600'	440 SX.
		CMT	ANNULUS		155 SX.

#### TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55		0'	6791'
JTS	SN	AC	MUD ANCHOR		
211	6760'		SIZE LGTH		

#### COMMENTS/PERFORATIONS:

	MESAVERDE 9110' -9510' 19 HOLES W/ VANN GUN - 1 SPF				
11/94	9110'	9162'	9224'	9342'	9366'
	9114'	9163'	9225'	9343'	9374'
	9124'	9166'	9288'		9370'
	9126		9289'		9394'

FRAC'D W/ 180,000 # 20/40 SD + 80,052 GAL 35# GEL

IPF (11/94) 500 MCF + 100 BW

20/64" FTP 350#, CP 530#

11/95 CO W/ CTU TO 9547'. ACID W/ 1000 GAL 15% hcl

11/96 SAND PLUG TO 9110'

#### COMMENTS/PERFORATIONS:

	MESAVERDE 8369' -8815' 32 HOLES W/ 1-11/16" GUN - 4 SPF				
11/96		8369'	8412'		8807'
		8377'	8429'		8815'
			8438'		
			8554'		

BD W/ 500 GALS 15% HCL ACID + 42 BS's

FRAC'D W/ 50,000 # 20/40 SD + 11,382 GAL GEL

	MESAVERDE 8102' -8178' 10 HOLES W/ 3-1/8" GUN - 2 SPF				
11/96		8102'	8123'	8150'	8166'
					8178'

FRAC'D W/ 50,000 # 20/40 SD + 11,382 GAL GEL

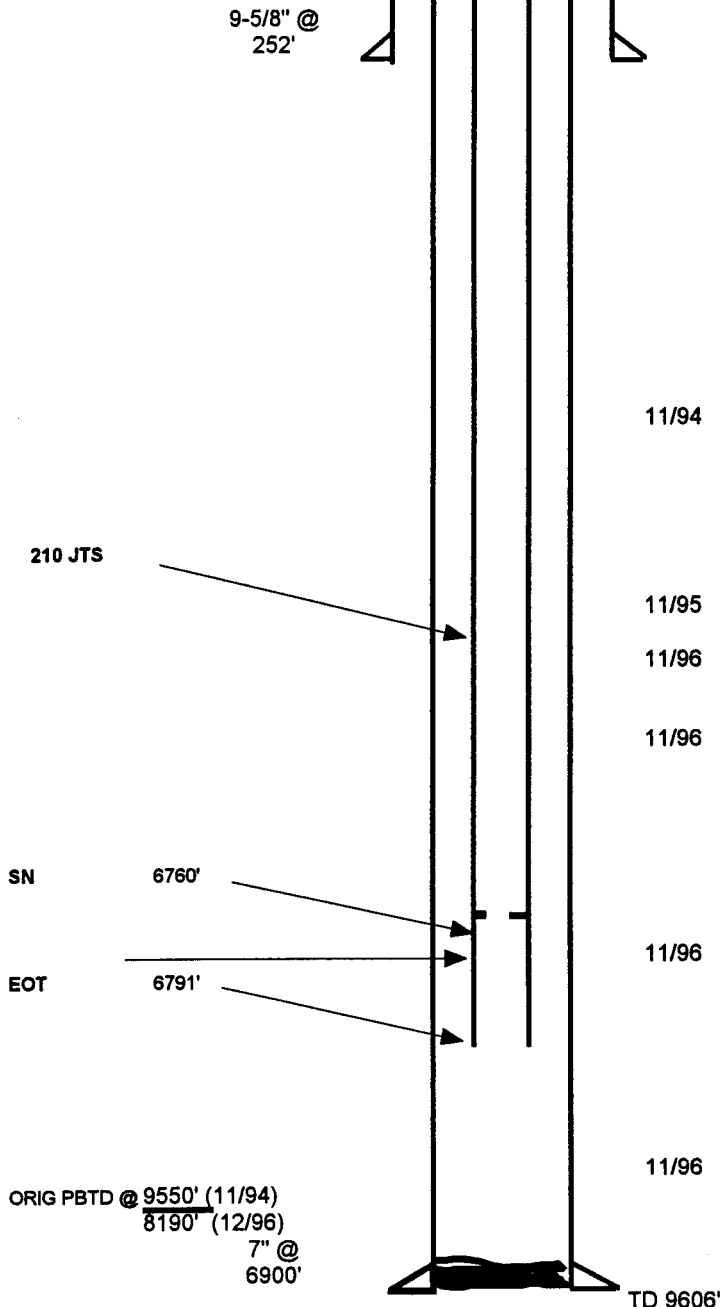
	MESAVERDE 7347' -7887' 12 HOLES W/ 3-1/8" GUN - 2 SPF				
11/96		7347'	7397'		7873'
			7407'		7880'
					7887'

FRAC'D W/ 99,000 # 20/40 SD

IPF (12/96) 7347'-8815' 713 MCF + 40 BW

TP 390#, CP 700# 18/64" CK

TD 9606'



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OIL ☐GAS ☒

OTHER:

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Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

654' FNL &amp; 646' FWL

QQ, Sec., T., R., M.:

NW NW Section 34-T9S-R21E

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6. If Indian, Allottee or Tribe Name:

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43-047-32545

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                 | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                               | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Perforate, acidize, fracture |   |

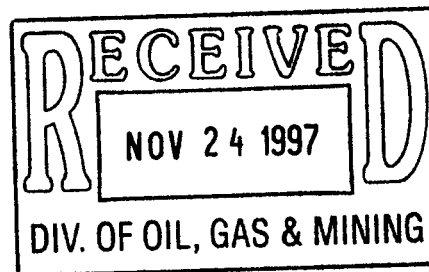
Date of work completion 11/07/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.



13.

Name &amp; Signature: \_\_\_\_\_

Sheila Bremer

Title: Environmental &amp; Safety Analyst

Date: 11/18/97

(This space for State use only)

NO tax credit 10/98

Recomplete Wasatch & Commingle

- 10/17/97 RIH w/bit & tag fill. CP 500#, TP 100#. MIRU CWS Rig #70. RU Delsco & RIH w/SL & tag @ 4611'. Blew well dn. Killed well w/70 bbls 2% KCl wtr. ND WH, NU BOP. RD Delsco. POOH w/2-3/8" tbg @ 20,000# over string weight - pulled easier after 5 jts. Tally out w/212 total jts. SWIFN.  
DC: \$3,811 TC: \$3,811
- 10/18/97 CO w/air-foam unit. RIH w/6-1/4" bit & 2-3/8" tbg to top of liner @ 6802'. Broached 2-3/8" tbg - tight spot @ 4611'. LD jt. POOH w/tbg & 6-1/4" bit. RIH w/4-3/4" bit & tbg. Tag fill @ 8,396'. Pull tbg above perms. EOT @ 7300'. SWIFN.  
DC: \$3,785 TC: \$7,596
- 10/19/97 Prep to CO w/air-foam. SITP 1000#, SICIP 1000#. Blow dn well. Kill well w/80 bbls 2% KCl wtr. NU Hydril & stripper head. MIRU Weatherford air-foam unit. RIH w/15 stds tbg to 8380'. RU power swivel. Brk circ w/foam. Rig broke dn. Circ hole w/foam, unloaded approx 70 bbls wtr. Kill tbg w/10 bbls wtr. LD power swivel & POOH w/15 stds tbg. SDFN & repair rig (replace hydrolic pmp).  
DC: \$7,070 TC: \$14,666
- 10/20/97 Prep to set CIBP & perf. SICIP 1000#, SITP 0#. RIH w/tbg to 8380'. RU power swivel. Blow dn csg & brk circ w/foam. CO sd f/8396'-8885'. Circ hole clean. RD power swivel & Weatherford air-foam unit. Kill well w/40 bbls 2% KCl wtr. POOH w/tbg & bit. SDFN.  
DC: \$7,380 TC: \$22,046
- 10/21/97 Flow back after acid break down. MIRU Cutters WLS. Set CIBP @ 6885'. PT csg & CIBP to 5000# - ok. Perf 1 SPF w/4" port plug gun as follows: 5026', 5036', 5047', 5920', 6035', 6051', 6066', 6180', 6316', 6322', 6334', 6528', 6599' (13 holes). SICIP 0 before & after perf'g. RDMO Cutters. RIH w/tbg to 6614'. RU BJ Serv. Spot 28 bbls 15% HCl across perms 5920'-6599'. PU tbg to 6040'. Spot 4 bbls 15% HCl across perms 5026'-5047'. PU & land tbg @ 4500' (140 jts w/NC on btm, PSN 1 jt above, & 10' blast jt on top). ND BOP, NU WH. Brk dn perms w/20 bbls 15% HCl + 25 BS. Brk dn @ 1690#, IR 7.5 BPM @ 4500#. Ball action to 4930#. Did not ball off. ISIP 3350#, 5 min SIP 1170#, 10 min SIP 1080#, 15 min SIP 1010#. Start flow back @ 5:00 pm.  
6:00 pm SICIP 20# FTP 0# 45 BWPH ck WO.  
7:00 pm SICIP 0# FTP 200# 40 BWPH 20/64" ck.  
Flwd 150 MCF, 120 BW, CP 800#, TP 100#, 20/64" ck, 10 BWPH, LLTR 81.  
DC: \$15,300 TC: \$37,346
- 10/22-24/97 Prep to frac. FTP 50#, CP 800#. MIRU BJ Serv. Pmp 200 bbls 2% KCl dn csg, up tbg to load hole. PT lines to 6000#. Spot pad into annular 130 bbls. Close tbg, pmp 20 bbls 2% KCl wtr for injectivity test, 25 bbls min 1450#. SD indicate all perms open. Continue pad 193 bbls ramp sand 2/6#s, 20/40 white sand 157,000#. Flush w/173 bbls slick wtr. Pmpd @ min press 1980#, max 2535#, ave 2250#. Treating rate 31 bbls min, ave rate 31 bbls min. ISIP 2000#, 5 min - 1818#, 10 min - 1800#, 15 min 1780#. Turn to pit on 18/64" ck throughout night.  
4:00 pm 18/64" ck FTP 1550#  
4:30 pm 18/64" ck FTP 1450#  
5:00 pm 18/64" ck FTP 1250#  
Flwd 200 MCF, 10 BWPH, CP 130#, TP 374#, 20/64" ck.  
DC: \$47,299 TC: \$84,645
- 10/25/97 RU power swivel, wash sand. FTP 50#, CP 50#. Open to pit. Kill tbg. RD WH, RU BOPs. Kill csg & tbg. POOH 140 jts. Csg started to kick. Kill well. RIH 6-1/8" mill bit sub, tallying in hole. Well kicking up tbg. Kill 4 times, getting in hole. Tag @ 6400'. POOH. LD 8 jts. SWIFN.  
DC: \$3,200 TC: \$87,845

10/26/97 POOH w/tbg. Blow well to pit, csg & tbg. Pmp 10 bbls dn tbg. RIH 7 jts. Tag fill. RU to circ - sand. Try circ 1 hr, no good returns. Call for foamer. RU foamer. CO to see CIBP @ 6665'. Drill on CIBP 1 hr 15 min. Fell thru, chased to top of liner @ 6802'. Pmp 10 bbls in tbg to kill. POOH to string float. RD power swivel. POOH 13 jts, brk out string float. SWIFN. Well flwg up csg on 20/64" ck thru night.  
DC: \$7,972 TC: \$95,817

10/27/97 Land tbg, ND BOP, NU WH. RU pmp. Pmp 30 bbls in tbg. Pull 60 stds, pmp 10 bbls in tbg. POOH balance of tbg. LD 6-1/8" mill. RIH 4-1/8" bit, bit sub, 1 jt, SN, 214 jts tbg. Tag top of CIBP @ 6808'. RU power swivel. Drill on plug & push to 8887'. POOH 68 jts to string float. Pmp 40 bbls to kill tbg. LD string float. RU power swivel to get in liner top. RIH 68 jts to 8853'. SWIFN.  
DC: \$5,532 TC: \$101,349

10/28/97 Shoot off bit. Pmp 15 bbls KCl into tbg. RIH & land tbg in hgr. ND BOP, NU WH. Hook-up flowline to sales. RD & release CWS #70. Will shoot off bit & install PLE 10/29/97. SN @ 8796', EOT @ 8827' after shot off bit.  
DC: \$11,919 TC: \$113,268

10/29/97 Well on production. MIRU Cutters WL. RIH 1-11/16" jet cutter & cut @ 8825'. POOH. RD & rls Cutter. Install PLE. RU Delsco & start swab. FL @ 4800'. Made 6 runs, rec 36 bbls. Well kicked off. Flowed well to pit 1 hr, then turned to production @ 4:00 pm on 10/29/97. Flwd 350 MCF, 5 BW, TP 760#, CP 1164#, 12/64" ck.  
DC: \$3,215 TC: \$116,483

10/30/97 Flwg 93 MCF, 5 BW, FTP 743#, CP 1036#, 20/64" ck, 24 hrs, ck plugging.

10/31/97 Flwg 806 MCF, 5 BW, FTP 534#, CP 811#, 20/64" ck, 24 hrs.

11/01/97 Flwg 161 MCF, 1 BW, FTP 528#, CP 752#, 40/64" ck, 24 hrs.

11/02/97 Flwg 559 MCF, 5 BW, FTP 926#, CP 575#, 25/64" ck, 24 hrs.

11/03/97 Flwg 581 MCF, 5 BW, FTP 320#, CP 499#, 40/64" ck, 24 hrs.

11/04/97 Flwg 452 MCF, 63 BW, FTP 318#, CP 667#, 40/64" ck, 24 hrs.

11/05/97 Flwg 503 MCF, 20 BW, FTP 257#, CP 540#, 45/64" ck.

11/06/97 Flwg 110 MCF, 20 BW, FTP 800#, CP 900#, 45/64" ck, 8 hrs, dn 16 hrs w/sfc equip failure.

11/07/97 Flwg 544 MCF, 3 BW, FTP 162#, CP 626#, 40/64" ck, 24 hrs. Prior production: Flwg 270 MCF, 1 BW, FTP 67#, CP 373#, 40/64" ck. **Final Report.**



STATE OF UTAH  
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2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 654' FNL & 646' FWL

QQ, Sec., T., R., M.: NW NW Section 34-T9S-R21E

5. Lease Designation and Serial Number

U-01194-A-ST

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #221X

9. API Well Number:

43-047-32545

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | CO tbg. CO well                               |

Date of work completion 2/5/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.

13.

Name & Signature

*Sheila Bremer*

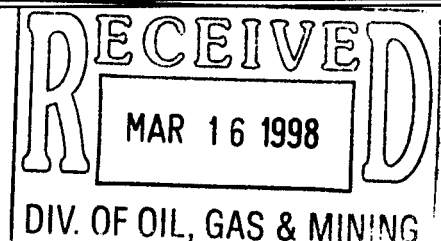
Title

Sheila Bremer

Environmental & Safety Analyst

Date 3/12/98

(This space for State use only)



**CO tbg, CO well**

- 1/27/98      **Finish TIH To Clean Out Sand.** MIRU TWS. Blow down tbg. NU BOPS. Blow down csg F/3 hrs on 48/64 choke. Pump 100 bbls down csg tooth. First 90' tight. Killed well two more times. LD bit & bit sub. 1 jt tbg. 90 ft of tbg was full of sand. PU. NC. 1 jt tbg. 1SN. TIH W/100 jts tbg = 3548. SWI. SDFN.  
DC: \$6,125      CC: \$6,125
- 1/28/98      **RD & MO Temples Rig #1.** SITP 1300 psi. SICP 1150 psi. Blow down & kill well w/140 bbls KCL water. Finish RIH W/tbg. Tag fill @ 8725'. RU power swivel & air foam unit. Brk circ w/foam. Clean out sand from 8725' to 8828'. Attempt to drill w/notched collar for 2 hrs. Could not go deeper. Kill tbg w/20 bbls KCL water. RU & land tbg - 27 jts landed @ 8701' w/notched collar on bottom & PSN 1 jt above @ 8667'. MDBOP, NUWH. SDFN.  
DC: \$7,380      CC: \$13,506
- 1/29/98      **Swab Well.** ISCP 1040 psi, SITP 350 psi. RD & MO Temple Rig #1. Open well to pit. Well died. MI & RU Delsco swabbing unit. Ran swab. Found FL @ 3800'. Made 4 runs. Recover approx. 22 bbls. FFL @ 4100'. SDFN.  
DC: \$1,790      CC: \$15,295
- 1/30/98      **Open to Pit.** Delsco. ITP 550. ICP 1860. IFL 3900. 6 run - 40 bbls. Flowed 50 bbls. 90 Total. Put in 32/64 choke. Open to pit. TP 200. CP 875. Changed to a 24/64 choke at 2:30PM. Left open to pit. Will put on in morning. TP 375. CP 775. FFL 4000. Real wet gas.  
DC : \$1,308      CC: \$16,603
- 1/31/98      Flwg 640 MCF, 30 BW, FTP 250#, CP 640#, 16/64" ck.
- 2/1/98      Flwg 584 MCF, 60 BW, FTP 140#, CP 525#, 30/64" ck.
- 2/2/98      Flwg 492 MCF, 50 BW, FTP 125#, CP 475#, 35/64" ck.
- 2/3/98      Flwg 447 MCF, 45 BW, FTP 110#, CP 450#, 48/64" ck.
- 2/4/98      Flwg 410 MCF, 40 BW, FTP 110#, CP 450#, 48/64" ck.
- 2/5/98      Flwg 382 MCF, 35 BW, FTP 129#, CP 186#, 48/64" ck. Prior prod: Flwg 278 MCF, 5 BW, FTP 0#, CP 400#, 48/64" ck. **Final Report.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 68 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 15 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah DGC~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	



**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM:</b> (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit:** NATURAL BUTTES**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 306	43-047-32860	2900	27-09S-21E	STATE	GW	P
NBU 304	43-047-32879	2900	27-09S-21E	STATE	GW	P
NBU 305	43-047-32880	2900	27-09S-21E	STATE	GW	P
NBU 353	43-047-33205	2900	27-09S-21E	STATE	GW	P
NBU CIGE 56-34-9-21	43-047-33530	2900	34-09S-21E	STATE	GW	P
NBU CIGE 87D-34-9-21	43-047-33869	2900	34-09S-21E	STATE	GW	P
NBU 221X	43-047-32545	2900	34-09S-21E	STATE	GW	P
NBU 263	43-047-32793	2900	34-09S-21E	STATE	GW	P
CIGE 236-34-9-21	43-047-32861	2900	34-09S-21E	STATE	GW	P
CIGE 203-34-9-21	43-047-32881	99999	34-09S-21E	STATE	GW	APD
NBU 322	43-047-33203	2900	34-09S-21E	STATE	GW	P
NBU CIGE 28-35-9-21	43-047-33739	2900	35-09S-21E	STATE	GW	P
NBU CIGE 54D-35-9-21	43-047-33851	2900	35-09S-21E	STATE	GW	P
NBU 69	43-047-31090	2900	35-09S-21E	STATE	GW	P
NBU 81V	43-047-31232	2900	35-09S-21E	STATE	GW	P
CIGE 133-35-9-21	43-047-31978	2900	35-09S-21E	STATE	GW	P
CIGE 204-35-9-21	43-047-32794	2900	35-09S-21E	STATE	GW	P
NBU 310	43-047-32882	2900	34-09S-21E	STATE	GW	P
CIGE 239-35-9-21	43-047-33206	2900	35-09S-21E	STATE	GW	P
NBU 10-29B	43-047-30274	2900	29-09S-22E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/18/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/18/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases -- in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

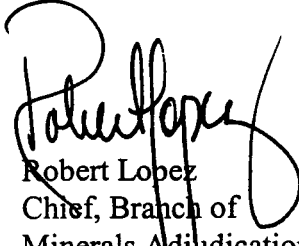
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.


We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number U-01194-A-ST
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
		9. Well Name and Number NBU 221X
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 43-047-32545
2. Name of Operator El Paso Production Oil & Gas Company		11. Field and Pool, or Wildcat Natura Buttes
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	
5. Location of Well Footage : 654' FNL & 646' FWL      County : Uintah QQ, Sec, T., R., M : NWNW Sec. 34, T9S, R21E      State : UT		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

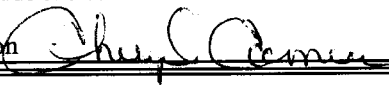
<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input checked="" type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion <u>12/19/02</u></p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.        * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pump 400 gal 15% HCL, 10 Bbbls spacer, and 15 Bbbls Dichloride down the subject well on 12/19/02 for well maintenance clean-out, and tbg leak repair.

**RECEIVED**  
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron  Title Operations Date 01/06/03

(State Use Only)



# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

**FEB 10 2003**IN REPLY REFER TO:  
**Real Estate Services**

**Carroll A. Wilson**  
**Principal Landman**  
**Westport Oil and Gas Company, L.P.**  
**1368 South 1200 East**  
**Vernal, Utah 84078**

**Dear Mr. Wilson:**

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

**Sincerely,****Director, Office of Trust Responsibilities****ACTING****Enclosure**





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza City Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: (832) 676-5933		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

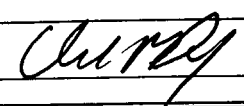
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE Agent and Attorney-in-Fact	
NAME (PLEASE PRINT) David R. Dix			
SIGNATURE 		DATE 12/17/02	

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW ✓

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 377	31-09S-21E	43-047-34363	99999	FEDERAL	GW	APD
NBU 378	31-09S-21E	43-047-34364	2900	FEDERAL	GW	P
NBU 409	32-09S-21E	43-047-34421	99999	STATE	GW	APD
NBU 411	32-09S-21E	43-047-34422	99999	STATE	GW	APD
NBU 424-32E	32-09S-21E	43-047-33699	2900	STATE	GW	P
NBU 27	33-09S-21E	43-047-30304	2900	STATE	GW	PA
NBU 27-A	33-09S-21E	43-047-30398	2900	STATE	GW	PA
NBU 262	33-09S-21E	43-047-32929	2900	FEDERAL	GW	S
NBU 396	33-09S-21E	43-047-34480	2900	FEDERAL	GW	DRL
NBU 428	33-09S-21E	43-047-34709	99999	STATE	GW	APD
NBU 438	33-09S-21E	43-047-34787	99999	STATE	GW	APD
NBU CIGE 56-34-9-21	34-09S-21E	43-047-30530	2900	STATE	GW	P
NBU CIGE 87D-34-9-21	34-09S-21E	43-047-30869	2900	STATE	GW	P
NBU 98V	34-09S-21E	43-047-31327	2900	FEDERAL	GW	TA
CIGE 114-34-9-21	34-09S-21E	43-047-31915	2900	FEDERAL	GW	S
CIGE 143-34-9-21	34-09S-21E	43-047-31995	2900	FEDERAL	GW	P
NBU 221	34-09S-21E	43-047-32499	2900	FEDERAL	GW	PA
<b>NBU 221X</b>	34-09S-21E	43-047-32545	2900	STATE	GW	P
CIGE 236-34-9-21	34-09S-21E	43-047-32861	2900	STATE	GW	P
CIGE 203-34-9-21	34-09S-21E	43-047-32881	2900	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date:

Date:

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Federal Approval of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	HP	HP	HP
Fuel Gas Burned	MCFPD	MCFPD	0 MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

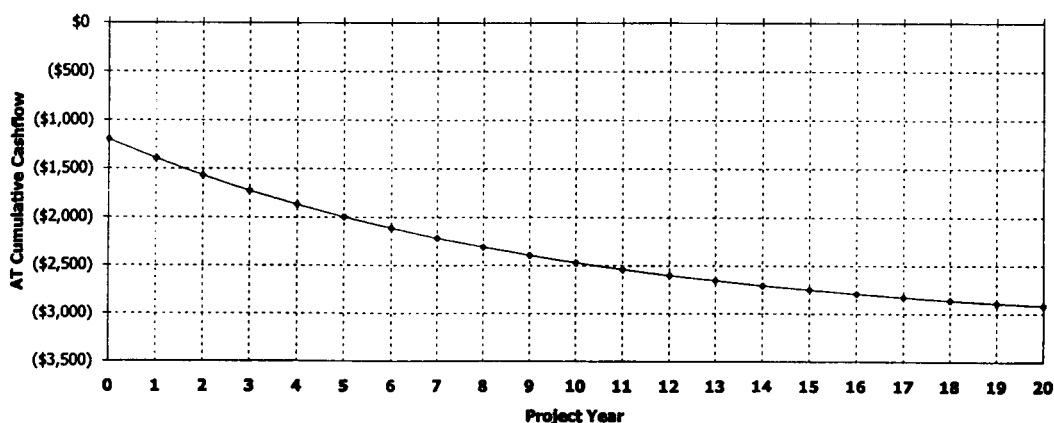
### Gross Reserves:

Oil Reserves = 4 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water



WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 149	5-10-22 NESE	UTU01191	891008900A	430473198200S1
NBU 150	9-10-22 SENW	UTU01196B	891008900A	430473199200S1
NBU 151	9-10-22 NWNW	UTU01196B	891008900A	430473199100S1
NBU 152	9-10-22 SESE	UTU01196D	891008900A	430473199000S1
NBU 153	11-10-22 SWNW	U01197A	891008900A	430473197500S1
NBU 154	26-9-21 NWSE	ML22934	891008900A	430473200300S1 ✓
NBU 155	31-9-22 SENW	ML23607	891008900A	430473200400S1 ✓
NBU 156	35-9-21 SWNW	U01194	891008900A	430473200500S1 ✓
NBU 157	32-9-22 SESW	ML22649	891008900A	430473200700S1 ✓
NBU 158	27-9-21 NWSE	U01194A	891008900A	430473199700S1 ✓
NBU 159SWD	35-9-21 NESW	U01194	891008900A	430473199600S1 ✓
NBU 161	32-9-22 SESE	ML22649	891008900A	430473202300S1 ✓
NBU 162	12-10-20 SENW	UTU4478	891008900A	430473206600S1
NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	19-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1
NBU 217	28-9-21 NESW	U05676	891008900A	430473248000S1
NBU 221X	34-9-21 NWNW	U01194A	891008900A	430473254500S1 ✓
NBU 222	11-10-22 SWNE	U01194A	891008900A	430473250900S1 ✓
NBU 223	26-9-21 NENW	U01194	891008900A	430473251700S1 ✓
NBU 224	26-9-21 NESW	U01194	891008900A	430473251600S1 ✓
NBU 228	17-9-21 SWSE	UTU0575	891008900A	430473263600S1
NBU 229	3-10-22 NWNE	UTU01191A	891008900A	430473259400S1
NBU 230A	3-10-22 SENE	UTU01191A	891008900A	430473290800S1
NBU 231	10-10-22 NWNE	U01197	891008900A	430473256100S1 ✓
NBU 236	30-9-22 SWNW	U463	891008900A	430473299400S1
NBU 242	5-10-22 SWSE	UTU01191	891008900A	430473294400S1
NBU 243	6-10-22 NWNW	UTU464	891008900A	430473293000S1
NBU 244	7-10-22 NESE	UTU466	891008900A	430473293100S1

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technolcian

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED 5/16/06**

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**

**MAY 10 2006**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Date

**5-9-06**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01194A-ST
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 221X
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. API NUMBER:</b> 43047325450000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0654 FNL 0646 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 09.0S Range: 21.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 8/13/2010			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

THIS WELL RETURNED TO PRODUCTION ON 8/13/2010.

Accepted by the

Utah Division of

Oil, Gas and Mining

**FOR RECORD ONLY**

August 18, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2010	